

CIRCULATION SYSTEM PROJECTS

TRAFFIC SIGNAL PROJECTS

FUNDING MATRIX FOR TRAFFIC SIGNAL PROJECTS

PROJ NO.	FUND NO.	PROJECT TITLE	FUNDING SOURCE	TOTAL BUDGET	FUTURE YEAR BUDGET AMOUNTS						
					YEAR 1 2008-09	YEAR 2 2009-2010	YEAR 3 2010-2011	YEAR 4 2011-2012	YEAR 5 2012-2013	YEAR 6-10 2013-2018	BUILDOUT 2018-2023
6308	63081	CLARY BATTERY BACKUP SYSTEMS	GAS TAX	120,000							
		TRAF SIG - ALGA ROAD AND CAZADERO	GAS TAX	210,000						210,000	
		TRAF SIG - ARMADA DRIVE AND GRAND PACIFIC RESORTS	GAS TAX	190,000						190,000	
3369	33691	TRAF SIG - AVIARA PARKWAY-POINSETTIA LANE TO EL CAMINO REAL	TIF	29,969							
3369	33692	TRAF SIG - AVIARA PARKWAY-POINSETTIA LANE TO EL CAMINO REAL	OTHER	645,447	42,798						
3369	33693	TRAF SIG - AVIARA PARKWAY-POINSETTIA LANE TO EL CAMINO REAL	GAS TAX	160,000							
6300	63001	TRAF SIG - AVIARA PKWY AND CAMINO DE LAS ONDAS- REIMB	GAS TAX	105,000							
6306	63061	TRAF SIG - CALLE BARCELONA AND PASEO AVELLANO	GCC	210,000							
		TRAF SIG - CAMINO DE LOS COCHES AND LA COSTA AVENUE	GAS TAX	190,000					190,000		
		TRAF SIG - CAMINO VIDA ROBLE AND YARROW DRIVE	GAS TAX	190,000							190,000
3902	39021	TRAF SIG - CANNON ROAD AND AVENIDA ENCINAS-reim.	PFF	150,000							
		TRAF SIG - CANNON ROAD AND COLLEGE BOULEVARD	GAS TAX	210,000						210,000	
6301	63011	TRAF SIG - CARLSBAD BLVD & TAMARACK SIGNAL REPAIRS	IRF	230,000							
		TRAF SIG - CARLSBAD BOULEVARD AND CHERRY AVENUE	GAS TAX	190,000				190,000			
6302	63021	TRAF SIG - EL CAMINO REAL AND CHESTNUT SIGNAL REPAIRS	IRF	206,000							
6303	63031	TRAF SIG - EL CAMINO REAL AND TAMARACK SIGNAL REPAIRS	IRF	141,000							
		TRAF SIG - EL FUERTE ST AND RANCHO PANCHO	GAS TAX	190,000			190,000				
		TRAF SIG - FARADAY AVE. AND CAMINO HILLS DRIVE	GAS TAX	190,000			190,000				
		TRAF SIG - FARADAY AVENUE AND PALMER WAY	GAS TAX	190,000		190,000					
6312	63121	TRAF SIG - FARADAY AVENUE AND RUTHERFORD ROAD	GAS TAX	210,000							
		TRAF SIG - LA COSTA AVENUE AND CALLE MADERO	GAS TAX	190,000			190,000				
		TRAF SIG - LA COSTA AVENUE AND ESFERA STREET	GAS TAX	190,000			190,000				
		TRAF SIG - LA COSTA AVENUE AND GIBRALTAR	GAS TAX	190,000			190,000				
3938	39381	TRAF SIG - LA COSTA AVENUE AND LEVANTE	GAS TAX	210,000					210,000		
		TRAF SIG - LA COSTA AVENUE/NUEVA CASTILLA WAY	GAS TAX	190,000			190,000				
		TRAF SIG - MELROSE DRIVE AND LA COSTA AVENUE	GAS TAX	190,000							190,000
		TRAF SIG - MONROE STREET AND HOSP WAY	GAS TAX	210,000						210,000	
		TRAF SIG - PASEO DEL NORTE /HARBOR POINT ROAD	GAS TAX	210,000	210,000						
		TRAF SIG - POINSETTIA LANE AND BRIGANTINE ROAD	GAS TAX	190,000						190,000	
6307	63071	TRAF SIG - RANCHO SANTA FE ROAD AND AVENIDA LA CIMA	GCC	190,000							
		TRAF SIG - RANCHO SANTA FE ROAD AND CALLE JUNIPERO	GAS TAX	210,000						210,000	
3406	34061	TRAF SIG - RANCHO SANTA FE ROAD AND QUESTHAVEN ROAD	GAS TAX	124,767							
3940	39401	TRAF SIG - TAMARACK AVE. AND PONTIAC DRIVE	GAS TAX	210,000						206,046	
		TRAF SIG - TAMARACK AVE. AND VALLEY STREET	GAS TAX	190,000						190,000	
6305	63051	VIDEO DETECTION CONVERSION	GAS TAX	1,850,000		277,000	247,000	307,000	300,000	135,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – CLARY BATTERY BACK-UP SYSTEM/RED LED REPLACEMENT

PROJECT NAME

6308

PROJECT NO.

PROJECT LOCATION MAP:

VARIOUS LOCATIONS

PROJECT LOCATION:

Various locations throughout the City.

PROJECT DESCRIPTION:

Fifth year of a six-year program to purchase and install a traffic signal battery back-up system at signalized intersections. A total of 73 back-up systems will be installed at the completion of the program.

PROJECT NEED:

These units eliminate the need for temporary traffic control by maintaining a safe operating environment during a power failure.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$120,00	Gas Tax
Total Cost =	\$120,000	

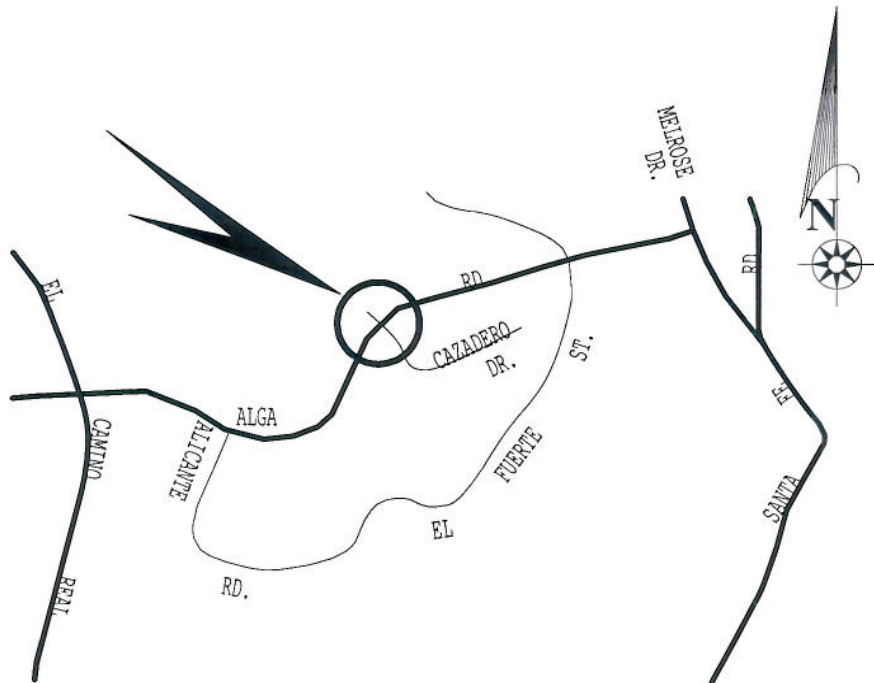
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - ALGA ROAD AND CAZADERO DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of Alga Road and Cazadero Drive.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Caltrans signal warrants have been met. The intersection is listed on the qualification list of the City's Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$190,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$210,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – ARMADA DRIVE AND GRAND PACIFIC RESORTS

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Armada Drive and Grand Pacific Resorts.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$182,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

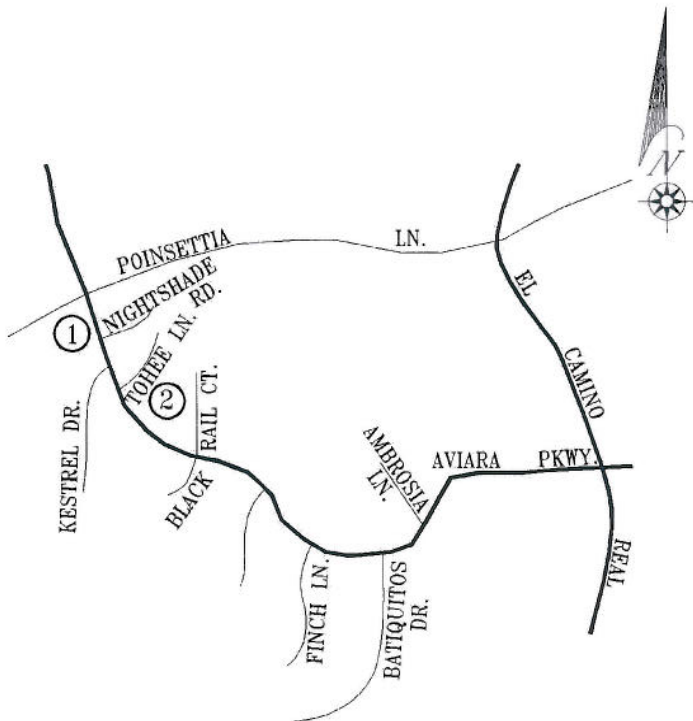
CIRCULATION SYSTEM TRAFFIC SIGNALS - AVIARA PARKWAY (POINSETTIA LANE TO EL CAMINO REAL)

PROJECT NAME

3369

PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At various intersections on Aviara Parkway between Poinsettia Lane and El Camino Real.

PROJECT DESCRIPTION:

Construct traffic signals and/or make minor drainage improvements to the following intersections with Aviara Parkway:

1. Nightshade Road - Traffic Signal
2. Tohee Lane - Traffic Signal

PROJECT NEED:

Signals needed to comply with Growth Management Standards. Traffic signals will be installed when they are warranted. Minor street improvements are needed to accommodate street drainage. Improvements will be constructed when Aviara Parkway is extended north of Poinsettia Lane.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$29,969	TIF
Design/Construction	\$160,000	Gas Tax
Design/Construction	\$645,447	Other
Total Cost =	\$834,416	

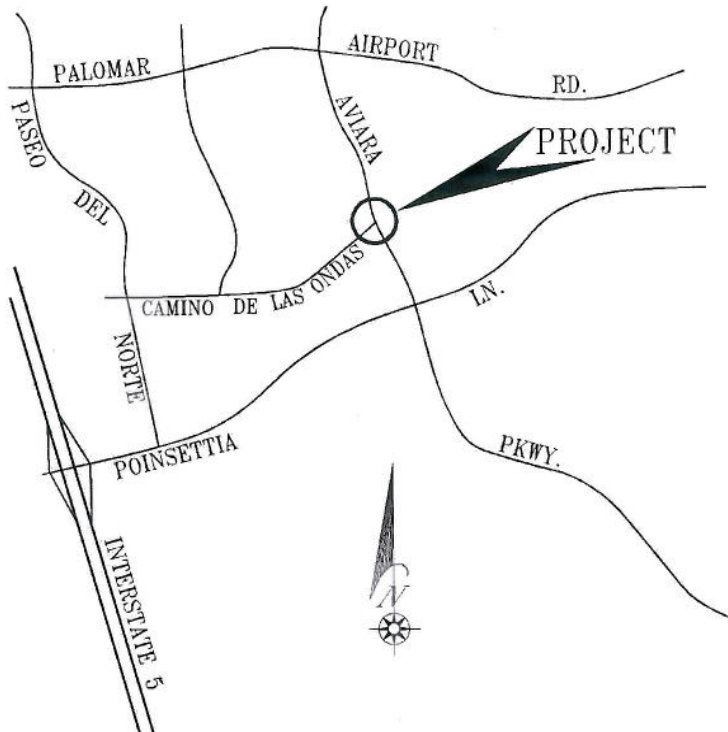
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – AVIARA PARKWAY AND CAMINO DE LAS ONDAS

PROJECT NAME

6300
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Aviara Parkway and Camino de las Ondas.

PROJECT DESCRIPTION:

Installation of a fully-actuated traffic signal and appurtenant striping and signage. Developer of North Coast Calvary Chapel (MS 04-02) will design and construct signal and may apply for reimbursement of half the cost pursuant to a development condition for the project.

PROJECT NEED:

Required to provide safe ingress and egress to the Mariner's Point and North Coast Calvary Chapel developments.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction (Reimb.)	\$105,000	Gas Tax
Total Cost =	\$105,000	

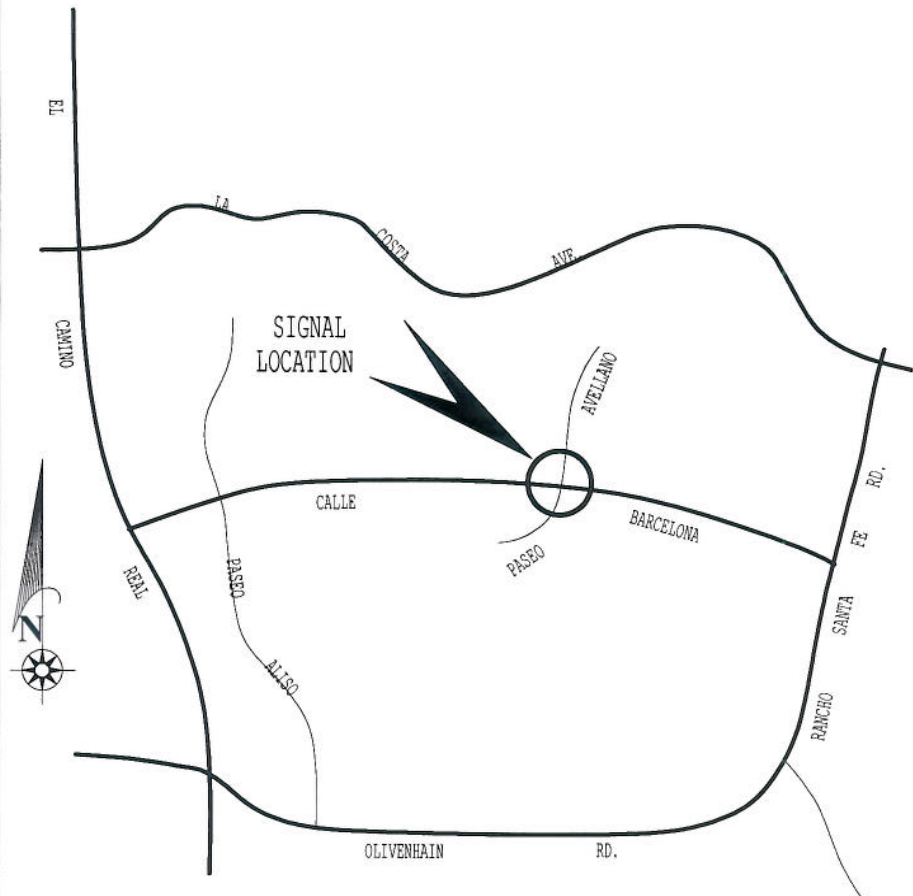
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – CALLE BARCELONA AND PASEO AVELLANO

PROJECT NAME

6306
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Calle Barcelona and Paseo Avellano.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

A Caltrans traffic signal warrant has been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2004 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	GCC
Construction	\$190,000	GCC
Admin/Inspection	\$12,000	GCC
Total Cost =	\$210,000	

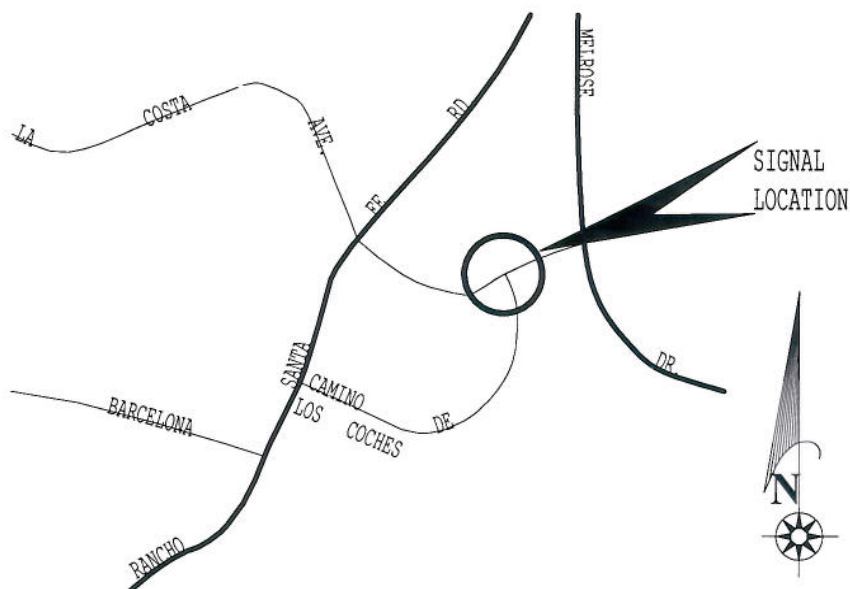
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - CAMINO DE LOS COCHES AND LA COSTA AVENUE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Camino de los Coches and La Costa Avenue.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Needed to comply with Growth Management Standards. Installation will occur when traffic signal warrants are met. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

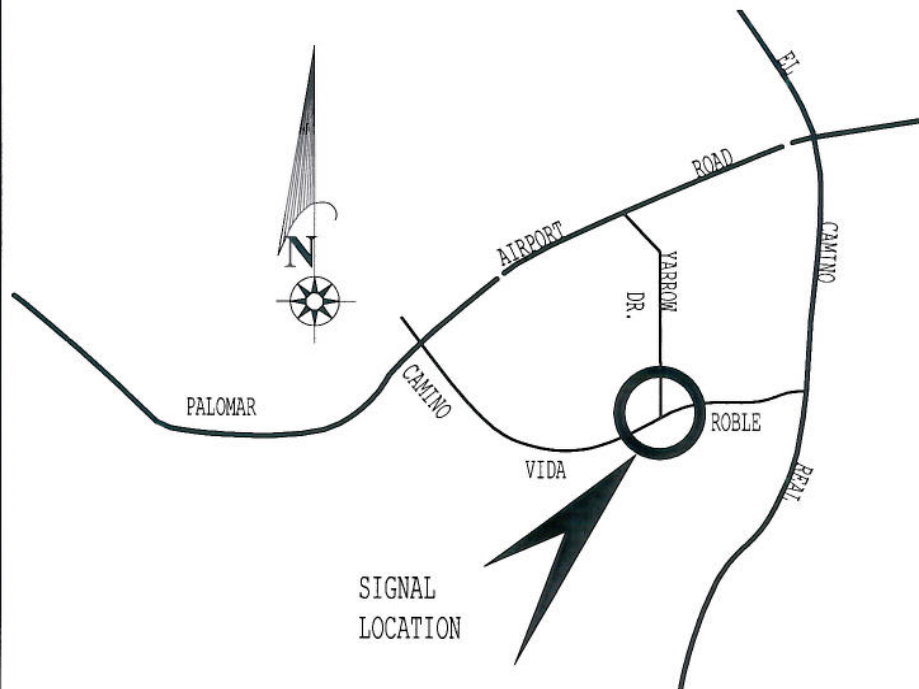
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - CAMINO VIDA ROBLE AND YARROW DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Camino Vida Roble and Yarrow Drive.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Needed to comply with Growth Management Standards and traffic signal warrants. Installation will occur when traffic signal warrants are met. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

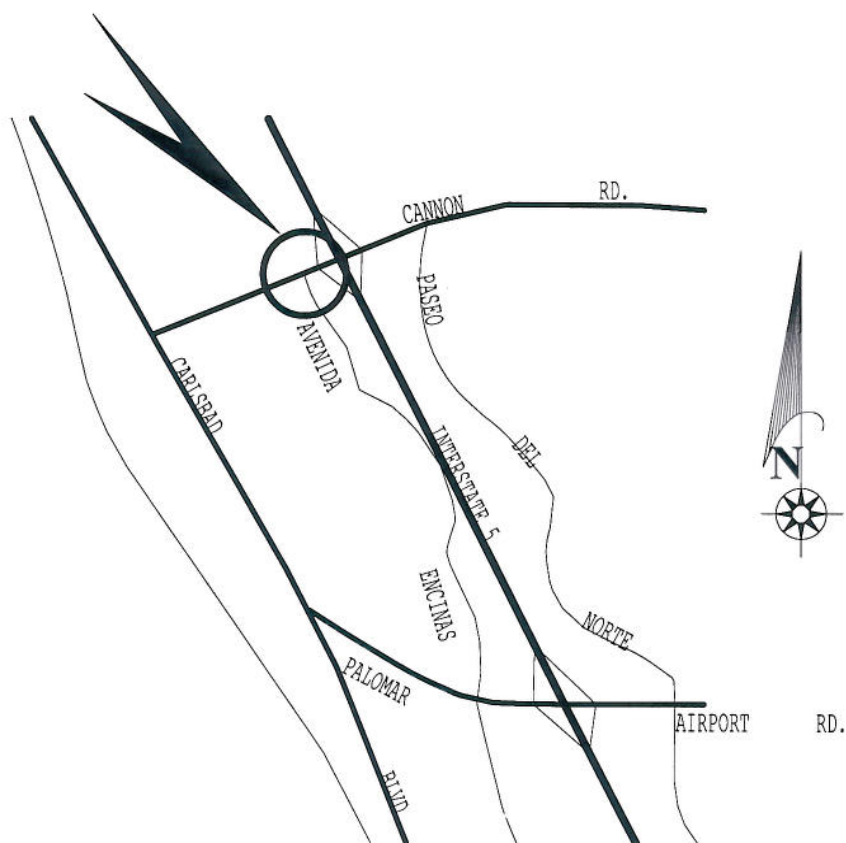
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - CANNON ROAD AND AVENIDA ENCINAS

PROJECT NAME

3902
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Cannon Road and Avenida Encinas, immediately west of Interstate 5.

PROJECT DESCRIPTION:

Installation of a 5-phase, fully actuated traffic signal, including a Type 170 controller, 176 intersection control program and minor intersection improvements.

PROJECT NEED:

Needed to comply with Growth Management Standards. Installation will occur when traffic signal warrants are met.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$150,000	PFF
Total Cost =	\$150,000	

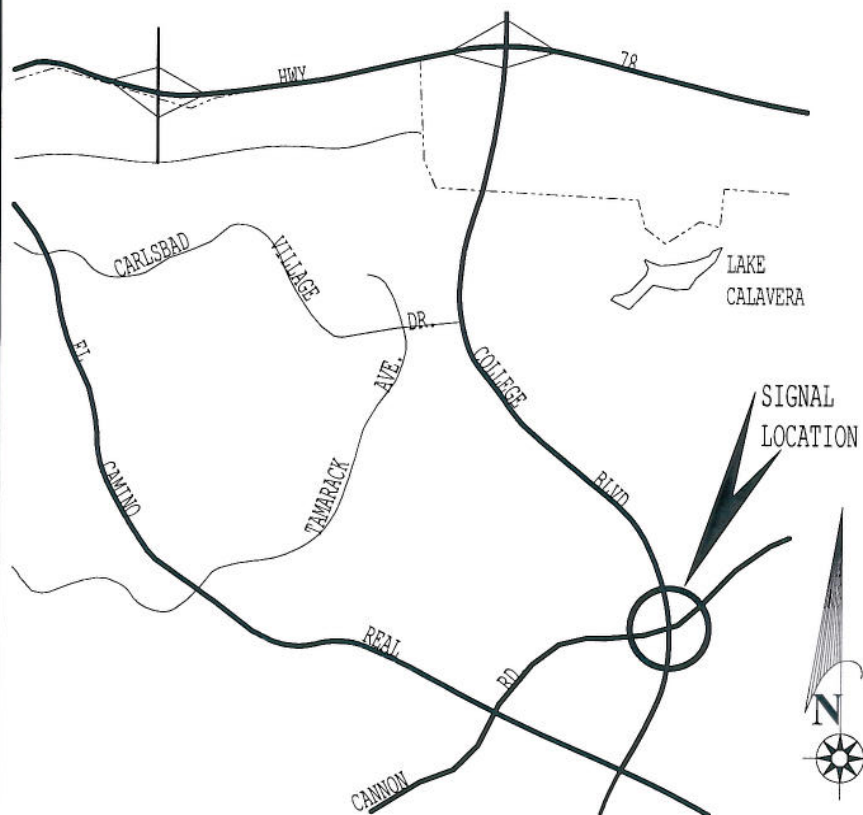
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - CANNON ROAD AND COLLEGE BOULEVARD

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Cannon Road and College Boulevard.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Needed to comply with Growth Management Standards. Installation will occur when traffic signal warrants are met. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$190,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$210,000	

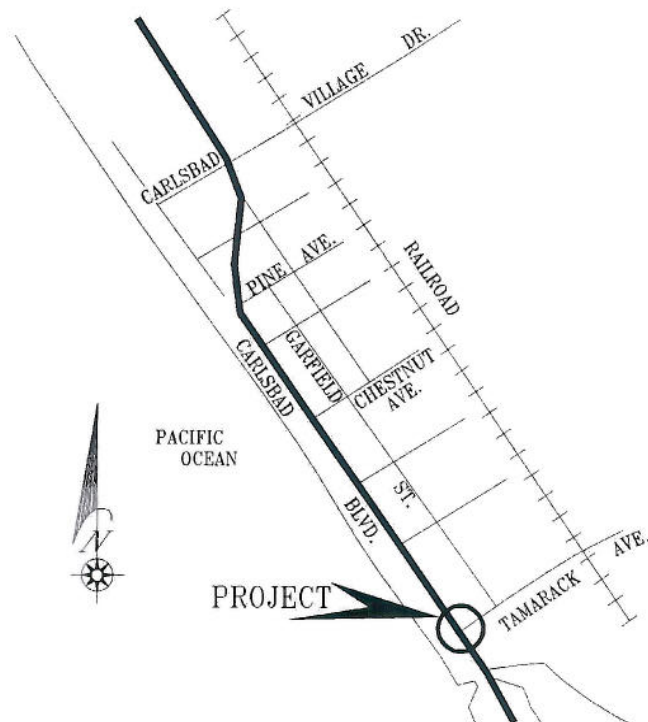
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - CARLSBAD BOULEVARD AND TAMARACK AVENUE SIGNAL REPAIRS

PROJECT NAME

6301
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard and Tamarack Avenue.

PROJECT DESCRIPTION:

Remove and replace all traffic signal equipment including signal controller/cabinet, signal poles and mast arms, vehicle and signal indications, conduit and conductors. Existing electrical service cabinet is adequate and does not need to be replaced. Install video detection and UPS battery back-up systems.

PROJECT NEED:

Due to age of equipment and proximity to ocean, the existing signal equipment is badly corroded and in need of replacement. Underground conduit is corroded and overfilled, making repair/maintenance work difficult.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$5,000	IRF
Construction	\$201,500	IRF
Admin/Inspection	\$23,500	IRF
Total Cost =	\$230,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – CARLSBAD BOULEVARD AND CHERRY STREET

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Carlsbad Boulevard and Cherry Street.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$182,000	Gas Tax
Total Cost =	\$190,000	

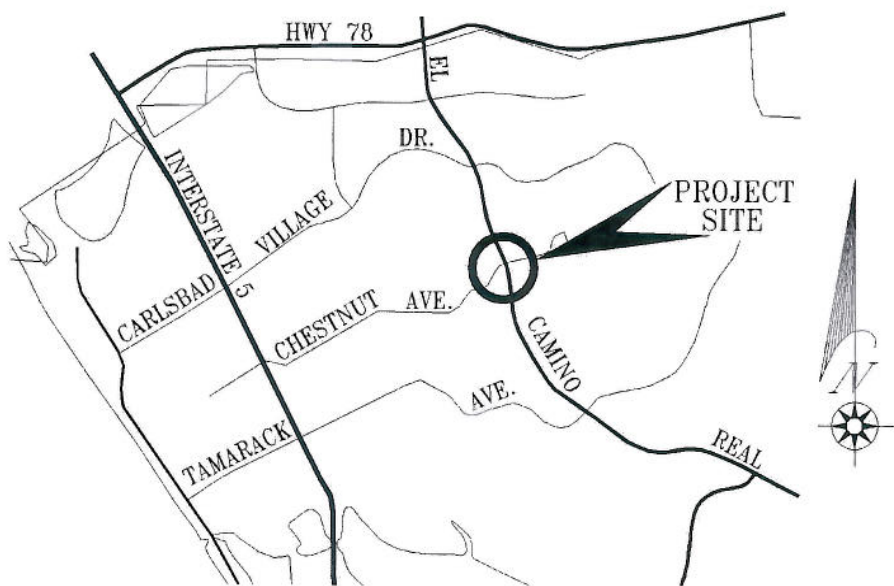
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - EL CAMINO REAL AND CHESTNUT AVENUE SIGNAL REPAIRS

PROJECT NAME

6302
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

El Camino Real and Chestnut Avenue.

PROJECT DESCRIPTION:

Remove and replace all traffic signal equipment including signal controller/cabinet, electrical service enclosure, vehicle and signal indications, conduit and conductors. Install video detection and UPS battery back-up systems. Minor sidewalk repairs on northeast (including retaining wall) and southeast corners to provide minimum pedestrian clearance per ADA requirements. Existing poles/mast arms to remain.

PROJECT NEED:

Due to age of equipment, the existing signal equipment is badly corroded and in need of replacement. Underground conduit is corroded and overfilled, making repair/maintenance work difficult and also needs to be replaced.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$20,000	IRF
Construction	\$167,500	IRF
Admin/Inspection	\$18,500	IRF
Total Cost =	\$206,000	

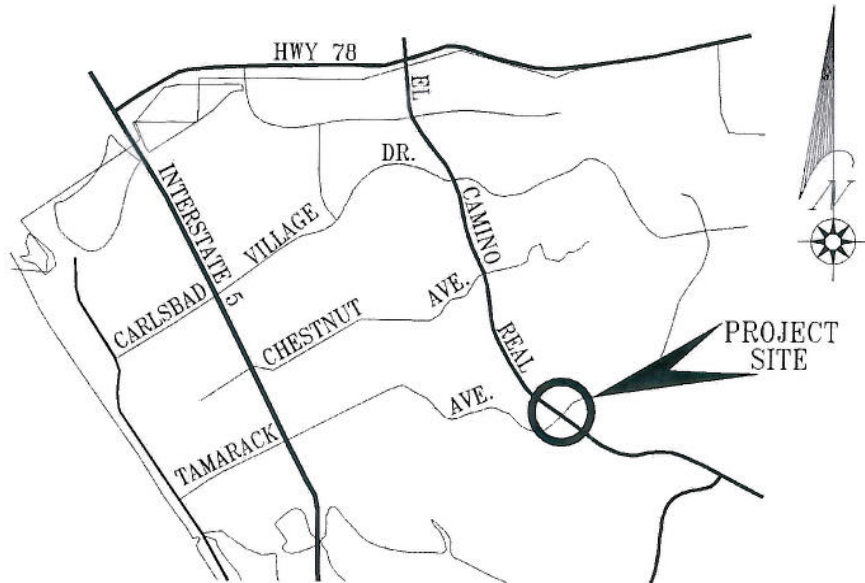
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – EL CAMINO REAL AND TAMARACK AVENUE SIGNAL REPAIRS

PROJECT NAME

6303
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

El Camino Real and Tamarack Avenue.

PROJECT DESCRIPTION:

Remove and replace all underground conduit, conductors and pull boxes. Install video detection system and UPS battery back-up system.

PROJECT NEED:

Due to age of equipment, underground conduit is corroded and overfilled, making repairs/maintenance work difficult. Video detection and battery back-up system will be installed to bring signal operations up-to-date.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$4,000	IRF
Construction	\$122,400	IRF
Admin/Inspection	\$14,600	IRF
Total Cost =	\$141,000	

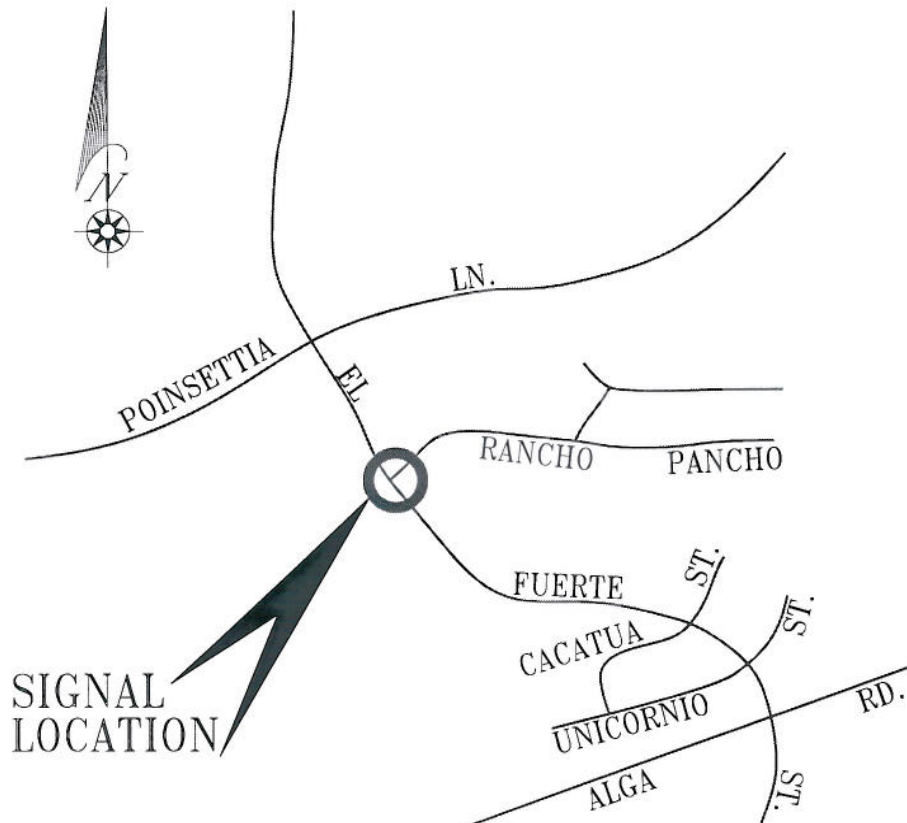
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – EL FUERTE AND RANCHO PANCHO

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of El Fuerte Street and Rancho Pancho.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a controller and intersection control program, video detection, battery back-up, signal interconnect conduit, and appurtenant striping and signing.

PROJECT NEED:

The intersection is listed on the Traffic Signal Qualification List of the City's 2006 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$171,000	Gas Tax
Inspection	\$11,000	Gas Tax
Total Cost =	\$190,000	

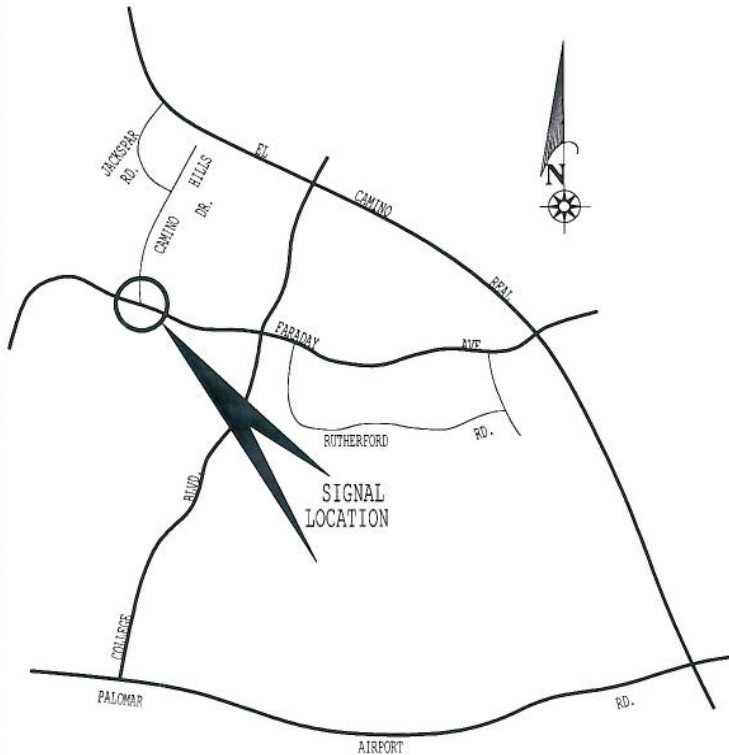
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – FARADAY AVENUE AND CAMINO HILLS DRIVE

NONE
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Faraday Avenue and Camino Hills Drive.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

A Caltrans traffic signal warrant has been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2004 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – FARADAY AVENUE AND PALMER WAY

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Faraday Avenue and Palmer Way.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$182,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

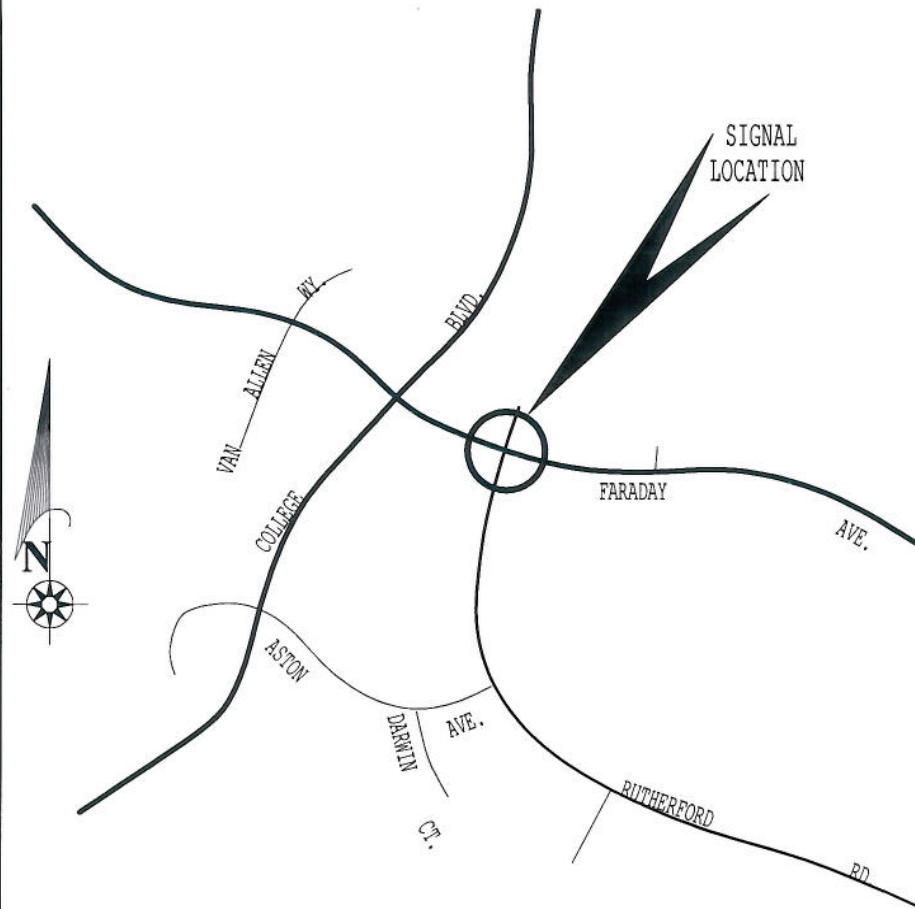
CIRCULATION SYSTEM TRAFFIC SIGNALS - FARADAY AVENUE AND RUTHERFORD ROAD

PROJECT NAME

63121

PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of Faraday Avenue and Rutherford Road.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Caltrans traffic signal warrants have been met. The intersection is listed on the qualification list of the City's Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$190,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$210,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – LA COSTA AVENUE AND CALLE MADERO

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of La Costa Avenue and Calle Madero.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$182,000	Gas Tax
Total Cost =	\$190,000	

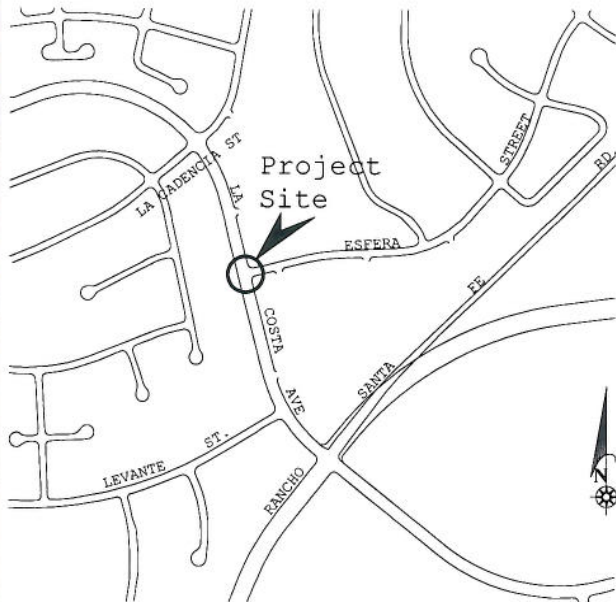
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – LA COSTA AVENUE AND ESFERA STREET

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

La Costa Avenue and Esfera Street.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – LA COSTA AVENUE AND GIBRALTAR STREET

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of La Costa Avenue and Gibraltar Street.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$182,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

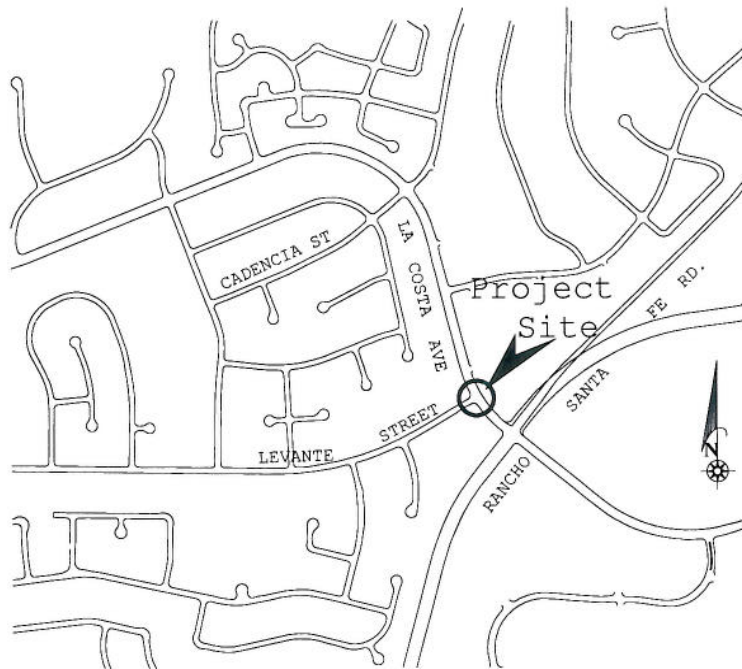
CIRCULATION SYSTEM TRAFFIC SIGNALS – LA COSTA AVENUE AND LEVANTE STREET

PROJECT NAME

3938

PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

La Costa Avenue and Levante Street.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$180,000	Gas Tax
Admin/Inspection	\$22,000	Gas Tax
Total Cost =	\$210,000	

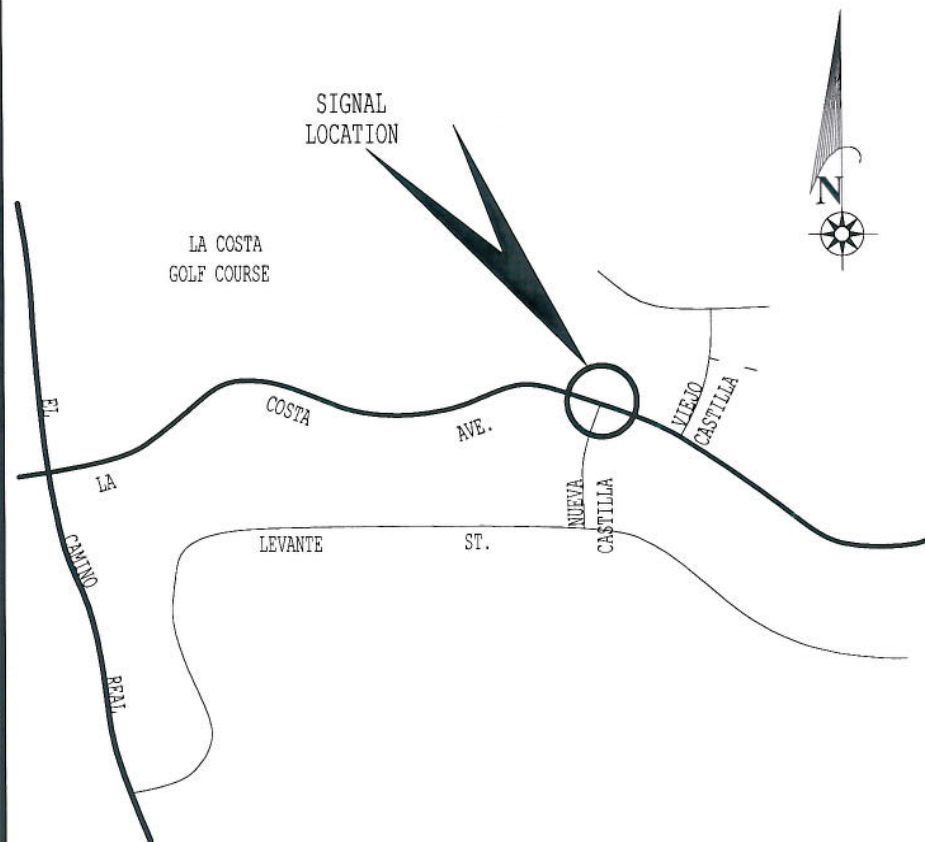
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - LA COSTA AVENUE AND NUEVA CASTILLA WAY

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of La Costa Avenue and Nueva Castilla Way.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Caltrans traffic signal warrants have been met. The intersection is listed on the qualification list of the City's Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

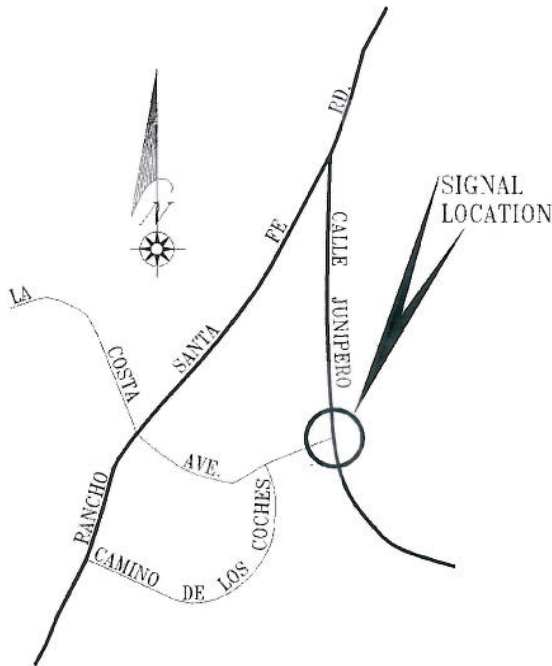
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - MELROSE DRIVE AND LA COSTA AVENUE

NONE
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Melrose Drive and La Costa Avenue.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Needed to comply with Growth Management Standards. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

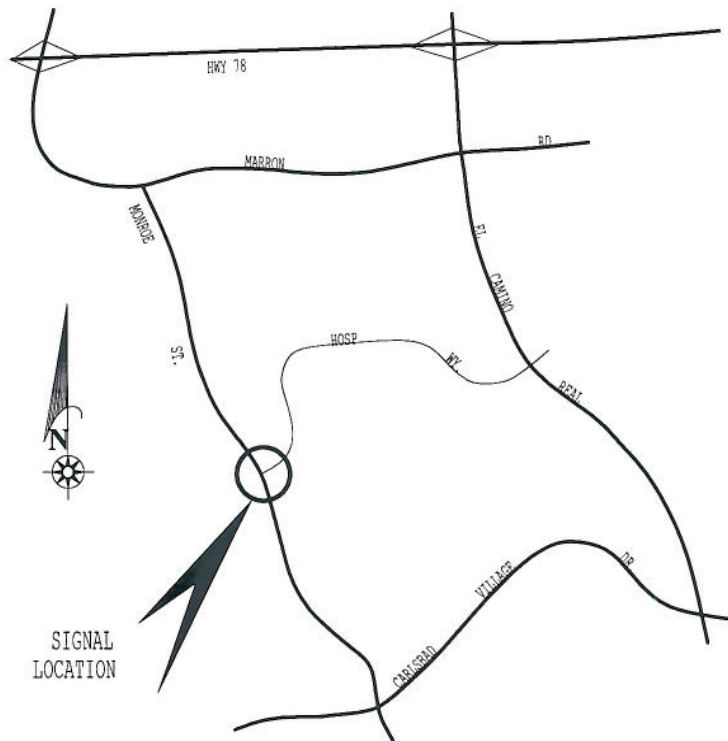
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – MONROE STREET AND HOSP WAY

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Monroe Street and Hosp Way.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

A Caltrans traffic signal warrant has been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2004 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$190,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$210,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – PASEO DEL NORTE AND HARBOR POINT ROAD

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Paseo del Norte and Harbor Point Road.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2008 Traffic Signal Evaluation Policy. The installation of a traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$8,000	Gas Tax
Construction	\$202,000	Gas Tax
Total Cost =	\$210,000	

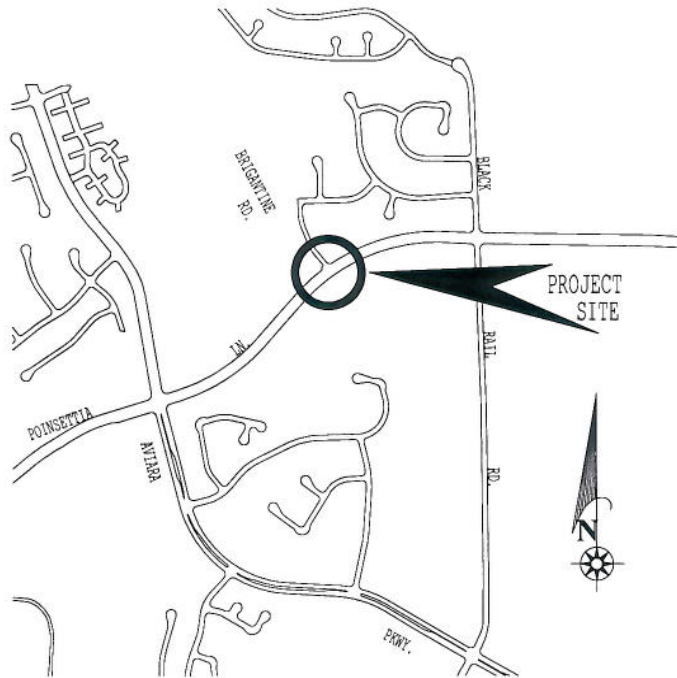
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - POINSETTIA LANE AND BRIGANTINE ROAD

NONE
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Poinsettia Lane and Brigantine Road.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Required to accommodate the safe and efficient flow of traffic from Brigantine Drive onto Poinsettia Lane which is classified as a major arterial in the City's Circulation Element. The need for the signal is created by the development of adjacent properties. Early developing properties which do not trigger the construction of the signal are required to contribute a fair share contribution of the total cost to install the traffic signal.

FINANCING:

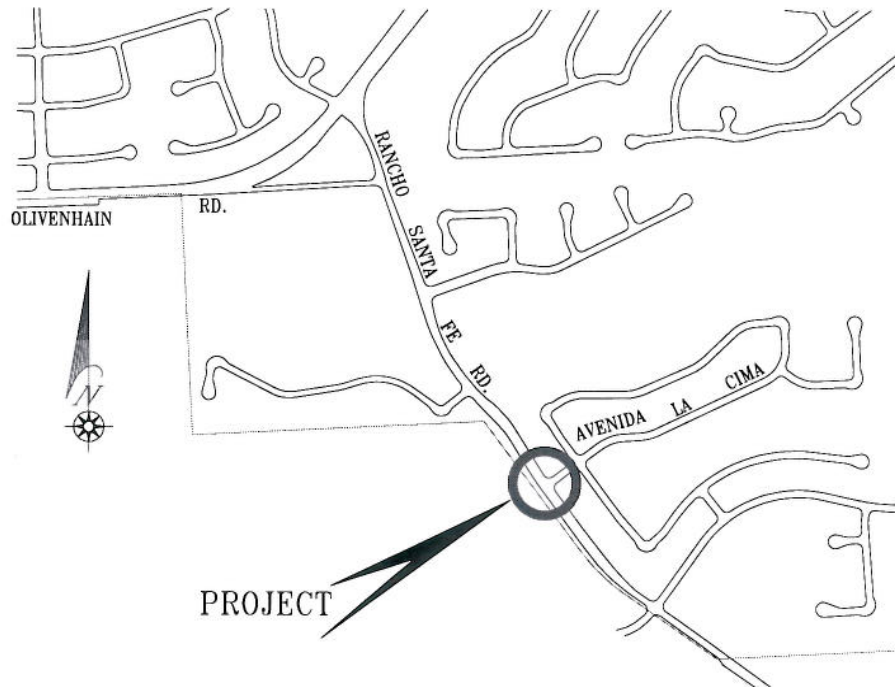
<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – RANCHO SANTA FE ROAD AND AVENIDA LA CIMA PROJECT NAME

6307
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of Rancho Santa Fe Road and Avenida La Cima.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200 SA local intersection control program, video detection, battery backup, signal interconnect conduit and appurtenant striping and signing.

PROJECT NEED:

California MUTCD traffic signal warrants have been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2006 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	GCC
Construction	\$182,000	GCC
Total Cost =	\$190,000	

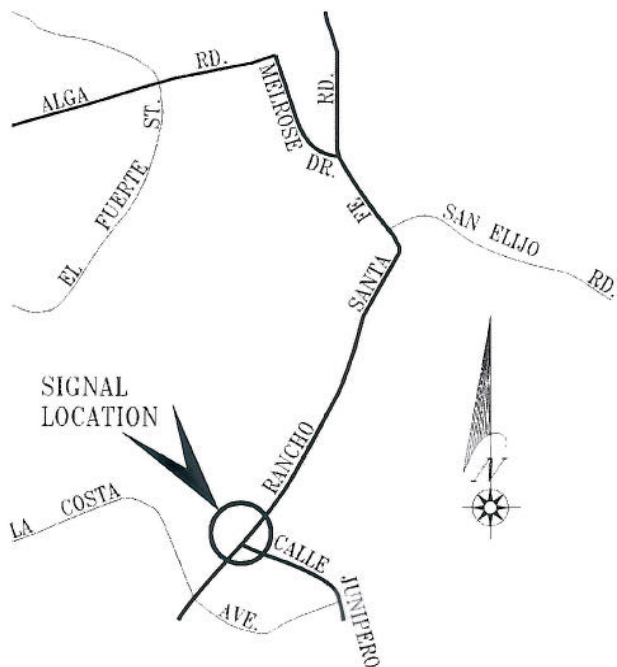
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - RANCHO SANTA FE ROAD AND CALLE JUNIPERO (FORMERLY MELROSE DRIVE SOUTH)

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Rancho Santa Fe Road and future Calle Junipero, formerly Melrose Drive South.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

Needed to comply with Growth Management Standards. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$190,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$210,000	

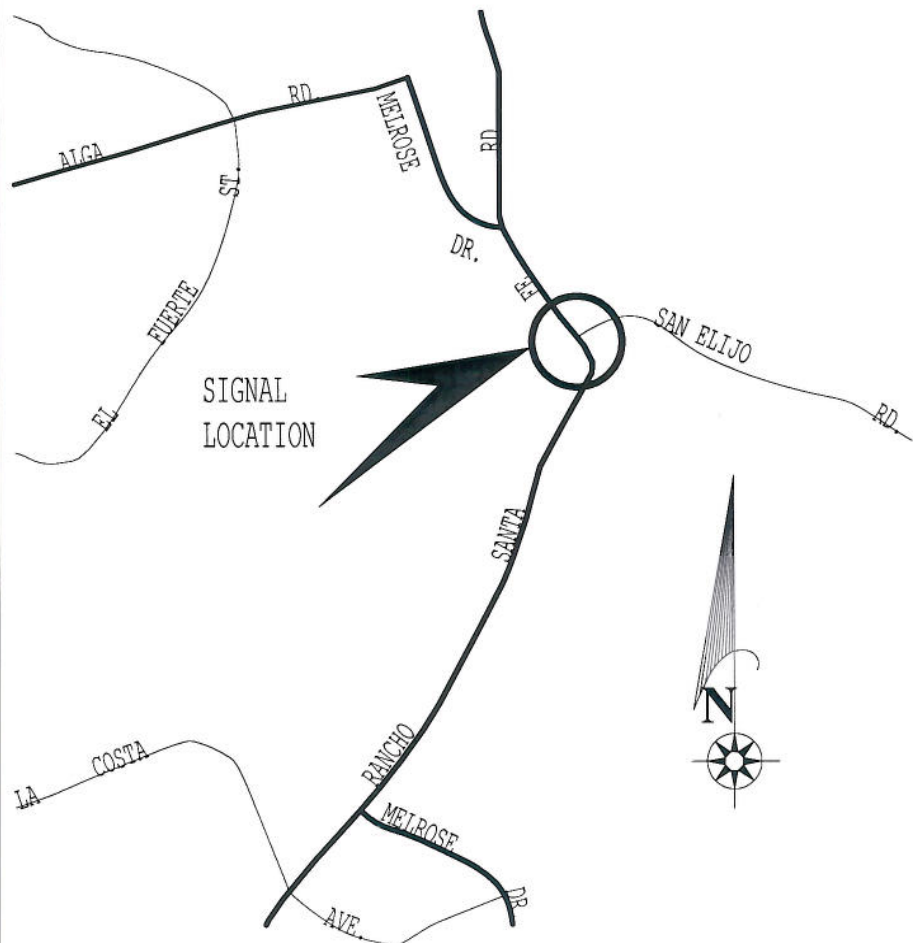
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS - RANCHO SANTA FE ROAD AND SAN ELIJO ROAD (FORMERLY QUESTHAVEN ROAD)

PROJECT NAME

3406
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Rancho Santa Fe Road and San Elijo Road, formerly Questhaven Road.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

The City of San Marcos is responsible for 1/3 share of this signal. Staff will pursue a cost sharing agreement with the City of San Marcos.

PROJECT NEED:

Needed to comply with Growth Management Standards. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at the intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$124,767	Gas Tax
Total Cost =	\$124,767	

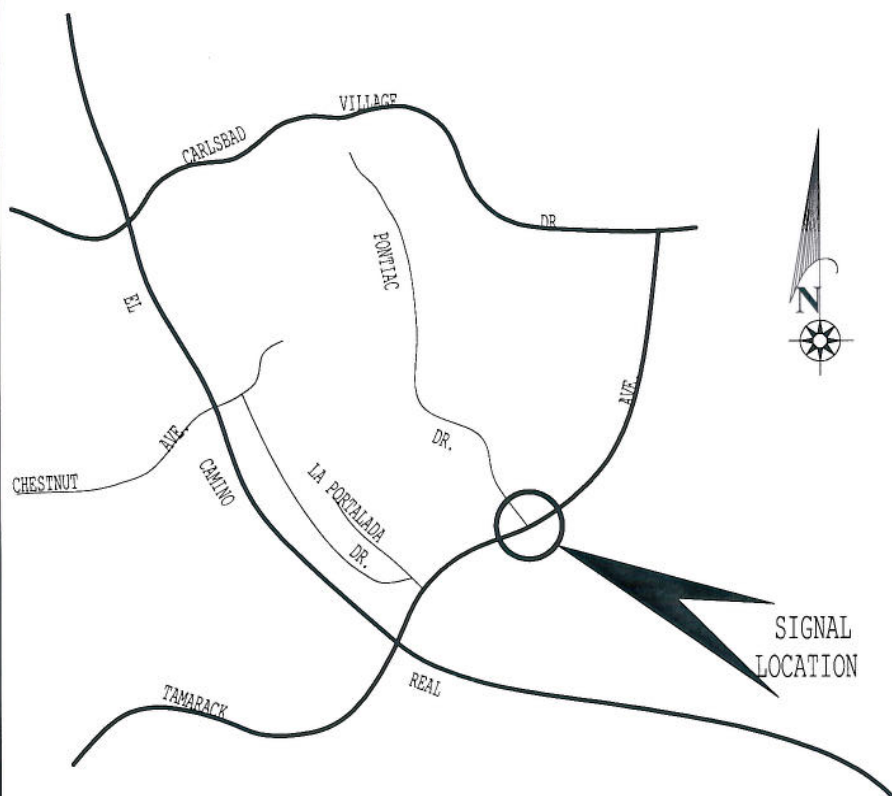
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – TAMARACK AVENUE AND PONTIAC DRIVE

PROJECT NAME

3940
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Tamarack Avenue and Pontiac Drive.

PROJECT DESCRIPTION:

Installation of a three-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

A Caltrans traffic signal warrant has been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2004 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$180,000	Gas Tax
Admin/Inspection	\$22,000	Gas Tax
Total Cost =	\$210,000	

Annual Operating Cost = \$5,000

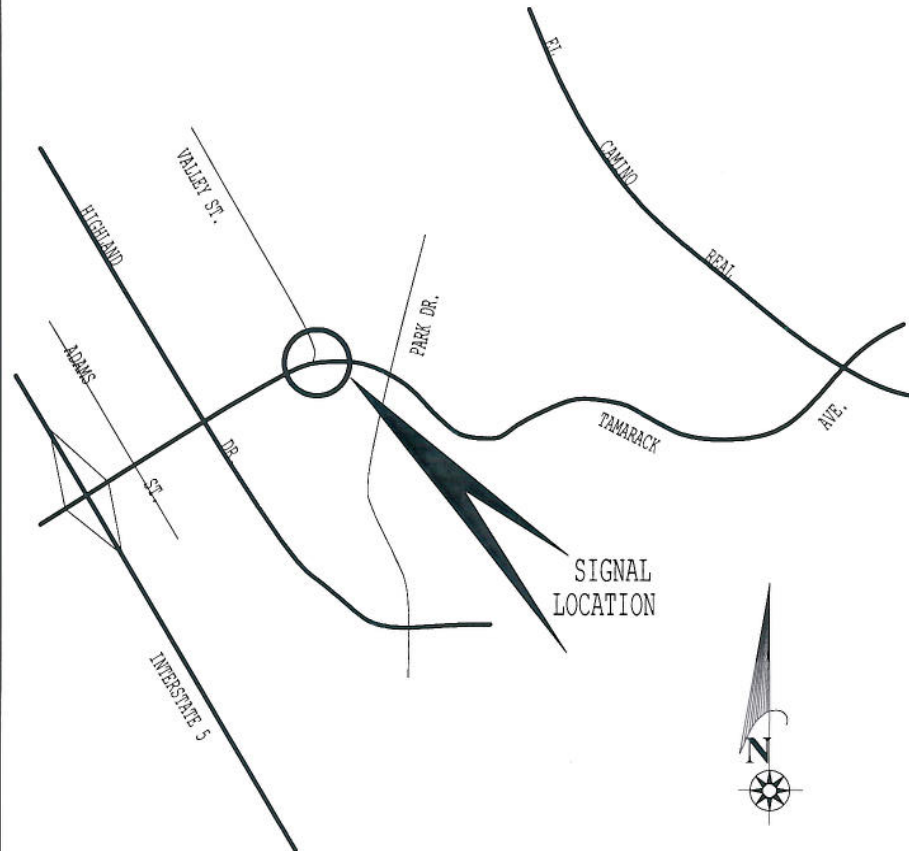
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – TAMARACK AVENUE AND VALLEY STREET

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Tamarack Avenue and Valley Street.

PROJECT DESCRIPTION:

Installation of a four-leg, fully actuated traffic signal, including a type 170 controller, 200SA local intersection control program, video detection, battery back-up system, appurtenant signing and striping, and signal interconnect to adjacent controllers.

PROJECT NEED:

A Caltrans traffic signal warrant has been met. The intersection is listed on the Traffic Signal Qualification List of the City's 2004 Traffic Signal Evaluation Policy. The installation of this traffic signal will assign the right-of-way for both motorists and pedestrians entering and crossing at this intersection. This is an elementary school pedestrian crossing.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$8,000	Gas Tax
Construction	\$170,000	Gas Tax
Admin/Inspection	\$12,000	Gas Tax
Total Cost =	\$190,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM TRAFFIC SIGNALS – VIDEO DETECTION CONVERSION

PROJECT NAME

6305
PROJECT NO.

PROJECT LOCATION MAP:

N/A

PROJECT LOCATION:

Citywide.

PROJECT DESCRIPTION:

Convert existing traffic signal with video detection equipment along streets included in the Pavement Management Program projects.

PROJECT NEED:

Traffic signals are being converted to Video Detection to minimize impacts during future construction projects and to eliminate the cost associated with future loop replacements.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$1,850,000	Gas Tax
Total Cost =	\$1,850,000	

STREET PROJECTS

FUNDING MATRIX FOR STREET PROJECTS

PROJ NO.	FUND NO.	PROJECT TITLE	FUNDING SOURCE	TOTAL BUDGET	FUTURE YEAR BUDGET AMOUNTS						
					YEAR 1 2008-09	YEAR 2 2009-2010	YEAR 3 2010-2011	YEAR 4 2011-2012	YEAR 5 2012-2013	YEAR 6-10 2013-2018	BUILDOUT 2018-2023
6004	60041	AVENIDA ENCINAS WIDENING - SOUTH OF PALOMAR AIRPORT ROAD	TIF	5,045,000		2,380,000				2,440,000	
		CANNON ROAD REACH 4 (20% FUNDING)	TIF	5,400,000							5,400,000
3814	38141	CANNON ROAD REACH 4B	TRANSNET-HWY	1,761,000							
6014	60141	CARLSBAD BLVD BRIDGE CONCRETE BARRIER POWER PLANT	GCC	16,303	(403,697)						
6014		CARLSBAD BLVD BRIDGE CONCRETE BARRIER POWER PLANT	FED GRNT	403,697	403,697						
6014		CARLSBAD BLVD BRIDGE CONCRETE BARRIER POWER PLANT	GAS TAX	880,000		880,000					
6016	60161	CARLSBAD BLVD BRIDGE CONCRETE BARRIER RAILROAD	GCC	37,434	(239,566)						
6016		CARLSBAD BLVD BRIDGE CONCRETE BARRIER RAILROAD	FED GRNT	239,566	239,566						
6000	60001	CARLSBAD BLVD. AT STATE ST - INTERSECTION ENHANCEMENT DESIGN	REDVL VILLAGE	100,000							
3919	39191	CARLSBAD BOULEVARD ENCINAS CREEK BRIDGE REPLACEMENT	REDVL SCCRDA	339,135							
3919	39192	CARLSBAD BOULEVARD ENCINAS CREEK BRIDGE REPLACEMENT	FED GRNT	1,964,702		1,667,020					
3919	39193	CARLSBAD BOULEVARD ENCINAS CREEK BRIDGE REPLACEMENT	TRANSNET-LOC	254,548		215,980					
3919		CARLSBAD BOULEVARD ENCINAS CREEK BRIDGE REPLACEMENT (PLDA C)	PLD	1,891,582	1,593,900						
		CARLSBAD BOULEVARD MEDIAN-TAMARACK AVENUE TO PINE AVENUE	GAS TAX	2,112,500							2,112,500
		CARLSBAD BOULEVARD MOUNTAIN VIEW TO NORTHERLY CITY LIMITS (20% FUND)	TIF	2,541,200							2,541,200
		CARLSBAD BOULEVARD / PALOMAR AIRPORT ROAD (20% FUNDING)	TIF	712,400							712,400
		CARLSBAD BOULEVARD / PALOMAR AIRPORT ROAD (RTCIP / 20% FUNDING)	TIF	2,815,000							2,815,000
3557	35571	CARLSBAD BOULEVARD RETROFIT OVER SDNR	TRANSNET-LOC	1,734,000	215,000						
		CARLSBAD BOULEVARD WIDENING - CANNON TO MANZANO	TIF	5,360,000							5,360,000
6017	60171	CARLSBAD VILLAGE DRIVE AND AVENIDA DE ANITA	GCC	105,000							
		CARLSBAD VILLAGE DRIVE - PONTIAC TO VICTORIA	TIF	4,841,000							4,841,000
3636	36362	COLLEGE BLVD REACH A AND CANNON REACH 4A	OTHER	1,713,002							
3879	38791	COLLEGE/CANNON ASSESSMENT DISTRICT	OTHER	10,314,481							
6013	60131	CONCRETE REPAIR PROGRAM	GCC	250,000							
6013	60132	CONCRETE REPAIR PROGRAM	GAS TAX	3,500,000	250,000	250,000	250,000	250,000	250,000	1250,000	750,000
6021	60211	CONCRETE REPAIR WORK	GAS TAX	750,000	100,000	100,000	100,000				
6006	60061	CONCRETE REPLACEMENT	IRF	1,243,350							
		EL CAMINO REAL AND CARLSBAD VILLAGE DRIVE DUAL LEFT TURNS	TIF	865,000						865,000	
		EL CAMINO REAL LEFT TURN LANE TO WEST TAMARACK	TIF	253,000		253,000					
		EL CAMINO REAL RIGHT TURN LANE TO NORTH ALGA ROAD	TIF	335,000						335,000	
		EL CAMINO REAL / CANNON ROAD INTERCHANGE IMPROVEMENTS	TIF	1,231,000		300,000	931,000				
		EL CAMINO REAL / CANNON ROAD INTERCHANGE IMPROVEMENTS (RTCIP)	TIF	974,000			974,000				
3643	36431	EL CAMINO REAL MEDIANS	PFF	909,500							
3643	36431	EL CAMINO REAL MEDIANS	GAS TAX	1,502,900							1,502,900
3909	39091	EL CAMINO REAL MEDIANS - LA COSTA	PFF	90,500							
		EL CAMINO REAL WIDENING - ARENAL ROAD TO LA COSTA AVENUE (RTCIP)	TIF	601,000						601,000	
		EL CAMINO REAL WIDENING - ARENAL ROAD TO LA COSTA AVENUE	TIF	1,704,000						1,704,000	
		EL CAMINO REAL WIDENING - CASSIA RD TO CAMINO VIDA ROBLE	GAS TAX	4,026,000		4,026,000					
		EL CAMINO REAL WIDENING - LISA STREET TO CRESTVIEW DR	TRANSNET-LOC	959,000		959,000					

FUNDING MATRIX FOR STREET PROJECTS (Continued)

PROJ NO.	FUND NO.	PROJECT TITLE	FUNDING SOURCE	TOTAL BUDGET	FUTURE YEAR BUDGET AMOUNTS						
					YEAR 1 2008-09	YEAR 2 2009-2010	YEAR 3 2010-2011	YEAR 4 2011-2012	YEAR 5 2012-2013	YEAR 6-10 2013-2018	BUILDOUT 2018-2023
3920	39201	EL CAMINO REAL WIDENING - NORTH OF COUGAR DRIVE	TRANSNET-LOC	493,000							
3929	39571	EL CAMINO REAL WIDENING - TAMARACK TO CHESTNUT	TIF	7,656,000	5,751,200						
		EL CAMINO REAL WIDENING - TAMARACK TO CHESTNUT (RTCIP)	TIF	422,000		422,000					
6009	60091	EL FUERTE EXTENSION	OTHER	4,095,146							
6008	60081	FARADAY AVENUE EXTENSION	OTHER	16,248,065							
		I-5 AND LA COSTA AVENUE AUXILLARY LANES	CFD#1	2,000,000							2,000,000
		LA COSTA AVE SLOPE REPAIR WEST OF ROMERIA	GAS TAX	183,500	183,500						
6020	60201	MARBELLA WALL BEAUTIFICATION	GCC	160,000	80,000						
		MELROSE DRIVE AND ALGA ROAD DUAL LEFT TURN LANES (RTCIP)	TIF	946,000							946,000
6007	60071	MELROSE DRIVE EXTENSION	OTHER	1,525,584							
6007	60072	MELROSE DRIVE EXTENSION	OTHER	3,477,792							
		MELROSE DRIVE TURN LANE TO WEST PALOMAR AIRPORT ROAD	TIF	410,000			410,000				
		PALOMAR AIRPORT ROAD AND COLLEGE BOULEVARD	TIF	587,000		587,000					
6012	60121	PALOMAR AIRPORT ROAD AND MELROSE DRIVE RIGHT TURN	OTHER	165,980							
6012	60122	PALOMAR AIRPORT ROAD AND MELROSE DRIVE RIGHT TURN	GAS TAX	88,500	23,500						
6012		PALOMAR AIRPORT ROAD AND MELROSE DRIVE RIGHT TURN	TIF	88,500	88,500						
		PALOMAR AIRPORT ROAD TURN LANE TO SOUTH EL CAMINO REAL	TIF	568,000						568,000	
		PALOMAR AIRPORT ROAD TURN LANE TO NORTH EL FUERTE STREET	TIF	916,000						916,000	
6011	60111	PALOMAR AIRPORT ROAD WIDENING AT MELROSE DRIVE	OTHER	2,826,268							
3811	38111	PALOMAR AIRPORT ROAD WIDENING AT PASEO DEL NORTE	TIF	1,244,000	719,000						
		PARK DRIVE, MARINA TO COVE	GAS TAX	416,300			416,300				
6001	60011	PAVEMENT MANAGEMENT PROGRAM	TRANSNET-LOC	63,743,156	2,650,000	1,118,063	1,300,744	2,925,000	3,000,000	15,065,000	16,365,000
6001		PAVEMENT MANAGEMENT PROGRAM (PROP 1B Funds)	OTHER	3,167,193		1,629,937	1,537,256				
6001	60012	PAVEMENT MANAGEMENT PROGRAM	GAS TAX	7,994,088							
6001	60011	PAVEMENT MANAGEMENT PROGRAM (NON-JURIS FEES)	TRANSNET-LOC	12,837,802	750,000	752,000	762,000	775,000	800,000	3,935,000	3,135,000
3922	39221	POINSETTIA LANE - REACH E	BTD#2	13,090,000				1,600,000	11,140,000		
		POINSETTIA LANE - REACHES A,B,C,F,G & AVIARA PKWY REIMB	BTD#2	1,320,729							1,320,729
3689	36892	POINSETTIA LANE EAST OF EL CAMINO REAL FINANCING PROGRAM	OTHER	28,932,793							
		POINSETTIA LANE WIDENING - PASEO DEL NORTE TO BATIQUITOS (RTCIP)	TIF	2,287,000							2,287,000
3860	38601	RANCHO SANTA FE ROAD AND OLIVENHAIN IMPROVEMENTS	RSF ROAD	5,985,905							
3190	31906	RANCHO SANTA FE ROAD NORTH - PHASE I	RSF ROAD	26,406,243							
3907	39071	RANCHO SANTA FE ROAD NORTH - PHASE II (BRIDGE)	RSF ROAD	18,641,000							
6002	60021	SIDEWALK/STREET CONSTRUCTION - VARIOUS LOCATIONS	TIF	3,295,672	100,000	300,000	300,000	300,000	180,000	720,000	
6019	60191	SIDEWALK/STREET CONSTRUCTION - VALLEY AND MAGNOLIA SIDEWALKS	TIF	630,000	540,000						
6018	60181	TAMARACK AND ADAMS	GAS TAX	48,500							
		TRAFFIC CALMING - DONNA DRIVE (DESIGN)	GAS TAX	113,000	113,000						
		TRAFFIC CALMING - SIERRA MORENA (DESIGN)	GAS TAX	90,000	90,000						
6003	60031	TRAFFIC MONITORING PROGRAM	TIF	1,718,900	112,156	96,000	96,000	96,000	96,000	480,000	480,000
3895	38951	UNDERGROUND DIST. 17 - HARDING, ROOSEVELT	GCC	509,800							

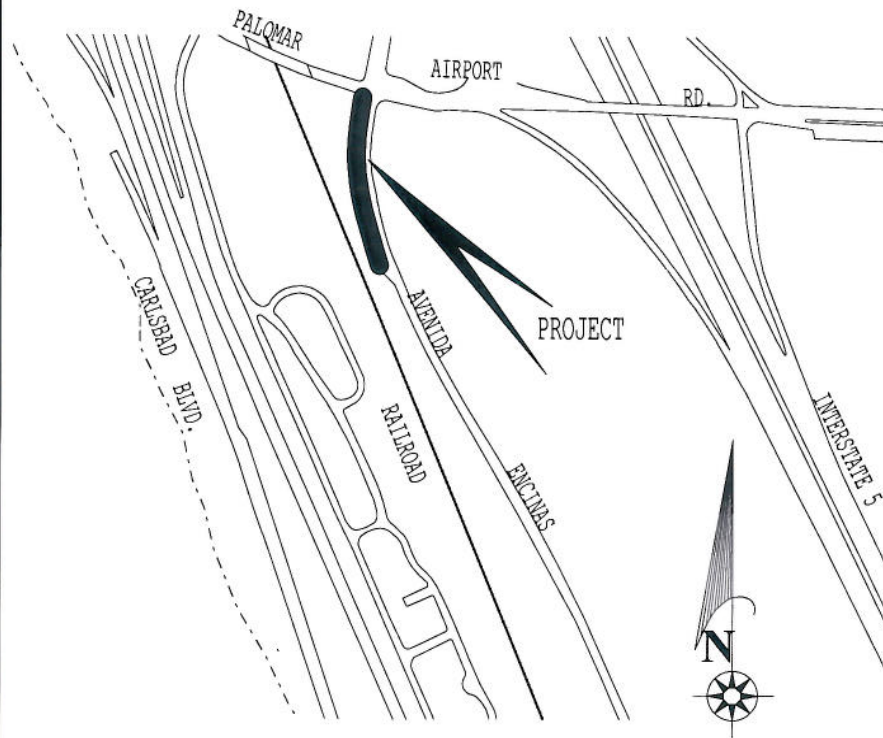
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - AVENIDA ENCINAS WIDENING SOUTH OF PALOMAR AIRPORT ROAD

PROJECT NAME

6004
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the west side of Avenida Encinas south of Palomar Airport Road adjacent to the San Diego Northern Railway property.

PROJECT DESCRIPTION:

Widen the west side of Avenida Encinas to full secondary arterial standards from Palomar Airport Road to approximately 800 feet south. The work includes placement of fill material and construction of new curbs, gutters, aggregate base, asphalt paving and striping.

PROJECT NEED:

Required to comply with Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$5,045,000	TIF
Total Cost =	\$5,045,000	

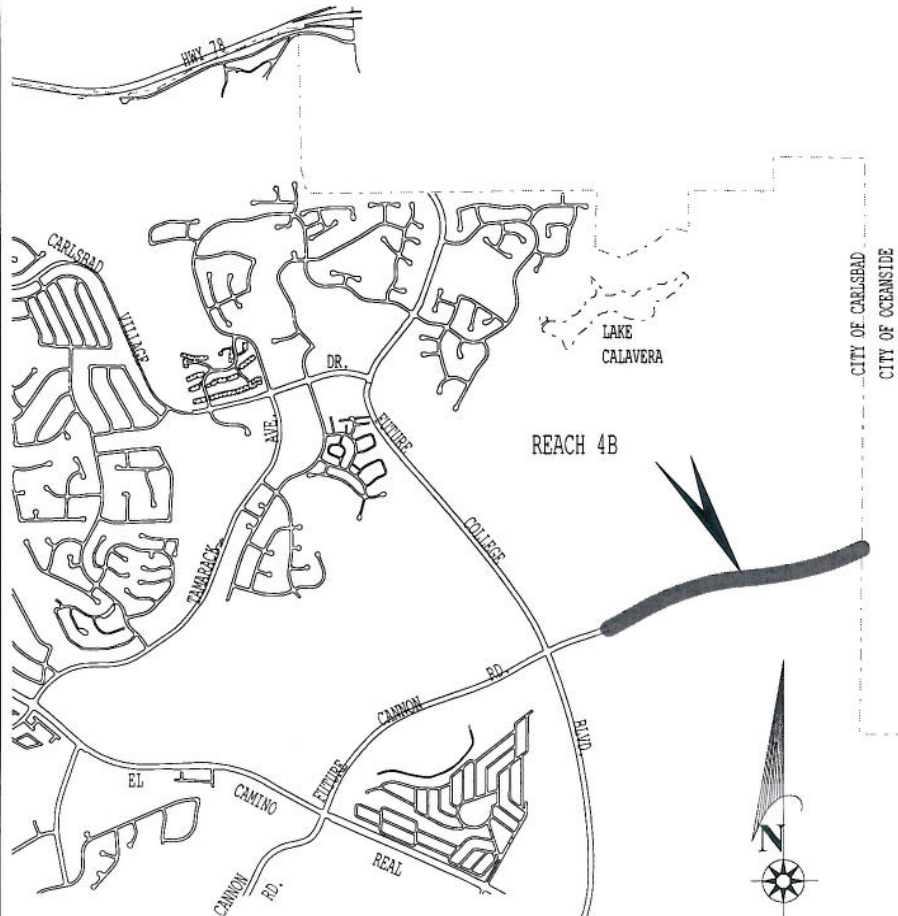
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CANNON ROAD REACH 4A & 4B COLLEGE BOULEVARD TO OCEANSIDE

PROJECT NAME

3814
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along Cannon Road from future College Boulevard to the Carlsbad/Oceanside city limits.

PROJECT DESCRIPTION:

Preliminary design of Reach 4 of Cannon Road to full major arterial standards, including all required environmental mitigation costs.

PROJECT NEED:

Required pursuant to the City Circulation Element and to comply with the Growth Management Circulation Standards. Since the project passes through the existing coastal sage habitat preserve area, it is not included as a financing requirement of any of the local facilities management plans.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Preliminary Design	\$1,761,000	TransNet Hwy
Design/Construction	\$5,400,000	TIF
Construction	\$21,600,000	Unfunded
Total Cost =	\$28,761,000	

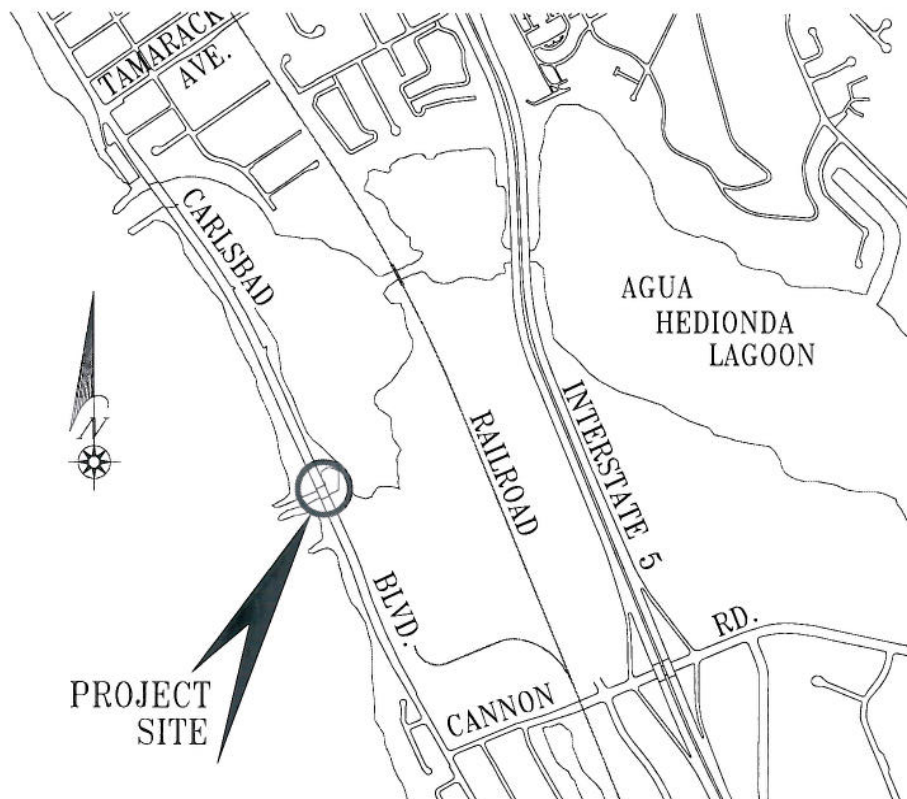
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BOULEVARD BRIDGE OVER POWER PLANT DISCHARGE CHANNEL

PROJECT NAME

6014
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard north of Cannon Road over the power plant outlet channel.

PROJECT DESCRIPTION:

Installation of a concrete barrier on the existing bridge, provide a decorative fence to screen the existing power plant, and provide any needed repair of the bridge deck. Project may require relocation of a 12-inch water line, 4-inch HP gas line, and telephone conduit.

PROJECT NEED:

The existing bridge does not have a protective barrier protecting motorists in accordance with Caltrans standards. The edges of the existing bridge have extensive concrete flaking with exposed rebar.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$16,303	GCC
Design/Construction	\$403,697	Fed Grant
Design/Construction	\$880,000	Gas Tax
Total Cost =	\$1,300,000	

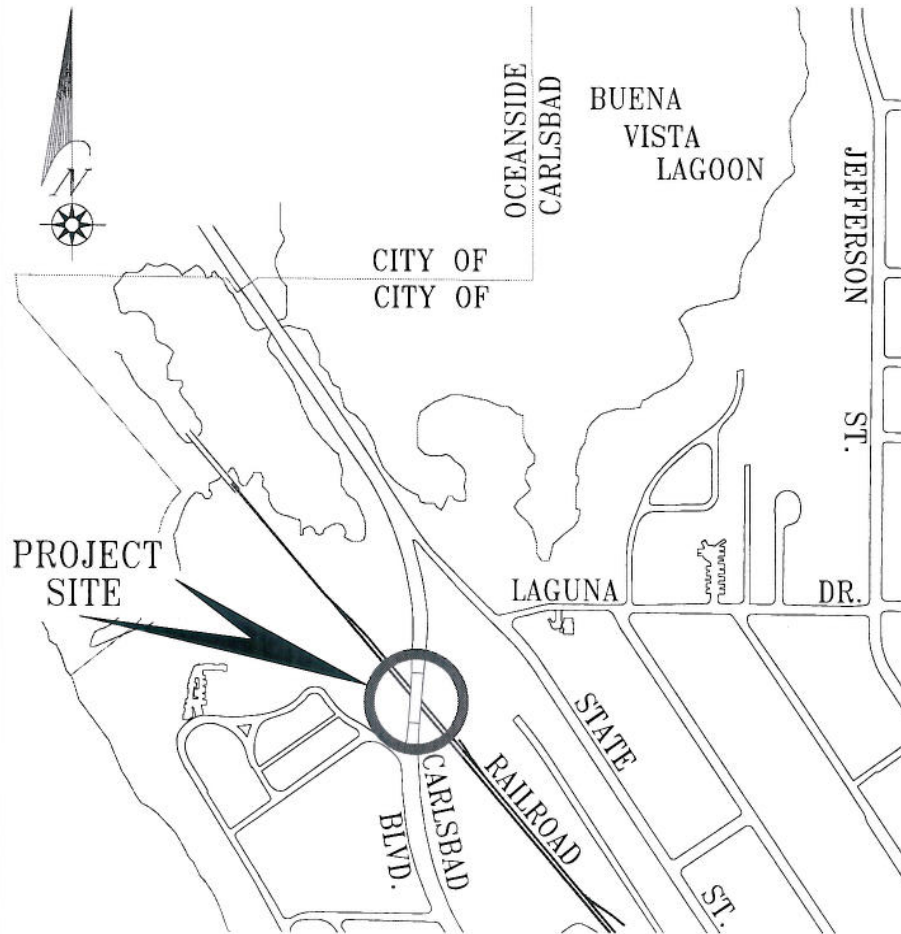
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BOULEVARD BRIDGE OVER RAILROAD CONCRETE BARRIER

PROJECT NAME

6016
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard over the railroad tracks at State Street.

PROJECT DESCRIPTION:

Replace the existing decorative concrete barrier in accordance with Caltrans requirements.

PROJECT NEED:

The existing concrete barrier is in poor condition with concrete flaking, cracking and exposed rebar.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$37,434	GCC Fed Grant
Design/Construction	\$239,566	
Total Cost =	\$277,000	

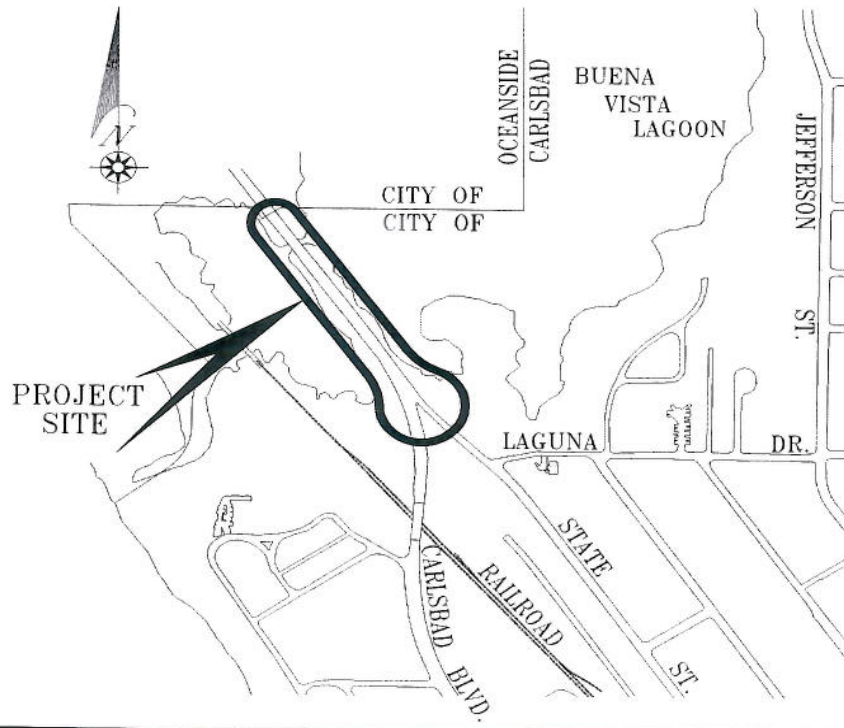
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BOULEVARD AND STATE STREET PEDESTRIAN AND INTERSECTION ENHANCEMENT DESIGN

PROJECT NAME

6000
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard from north city limits to State Street.

PROJECT DESCRIPTION:

The project involves the study and design of a pedestrian walkway on the eastern side of Carlsbad Boulevard from State Street to the northern City limits. The feasibility study will review pedestrian/bicycle/vehicle access and safety issues along Carlsbad Boulevard, identify potential safety improvements, determine the scope of the environmental and operational impacts, and develop planning level cost estimates for the various options identified in the study. The project may also include intersection modifications at Carlsbad Boulevard and State Street to incorporate a traffic signal or stop control to assign right-of-way. The project will then complete design plans for the appropriate enhancements/improvements.

PROJECT NEED:

A pedestrian walkway is needed to provide separation between pedestrians and vehicles/bicycles traveling between Carlsbad and Oceanside along Carlsbad Boulevard. Modification of the Carlsbad Boulevard/State Street intersection and installation of traffic control devices will facilitate right-of-way assignment.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Study/Report*	\$105,000	GCC
Design	\$100,000	Redvl Village
Total Cost =	\$205,000	

*Complete

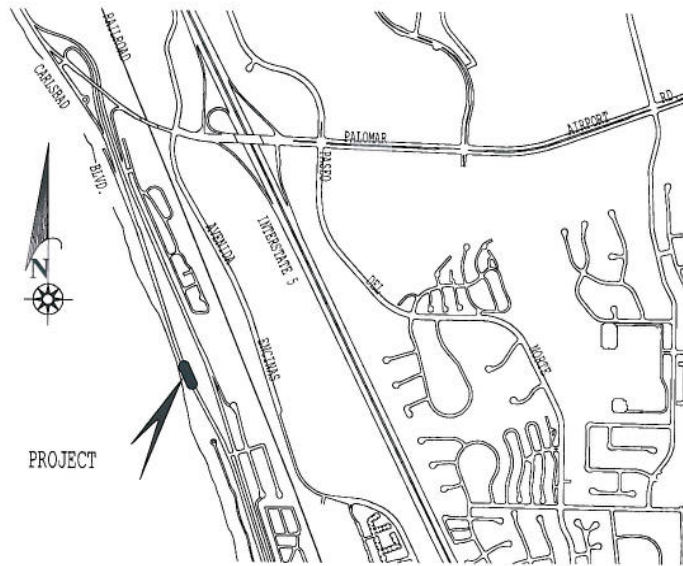
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BOULEVARD ENCINAS CREEK BRIDGE REPLACEMENT

PROJECT NAME

3919
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Southbound lanes of Carlsbad Boulevard south of Palomar Airport Road and north of the South Carlsbad State Beach campgrounds.

PROJECT DESCRIPTION:

Complete replacement of the existing bridge structure for southbound lanes of Carlsbad Boulevard originally constructed in 1913. The budget for this project includes staff time to pursue federal grants for funding of the project.

PROJECT NEED:

Carlsbad Boulevard is a major north/south transportation roadway in north county. The bridge structure does not meet seismic standards and is close to exceeding its expected service life. Reinforcing steel is exposed and corroding and Caltrans has recommended that the bridge be replaced.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source *</u>
Design & Environmental	\$339,135	SCCRDA
Construction	\$1,964,702	Federal Grant
Construction	\$254,548	TransNet Local
Total Cost =	\$2,558,385	

* Potential to use Planned Local Drainage Area Fees when adopted by the City Council (PLDA "C" - \$1,593,900)

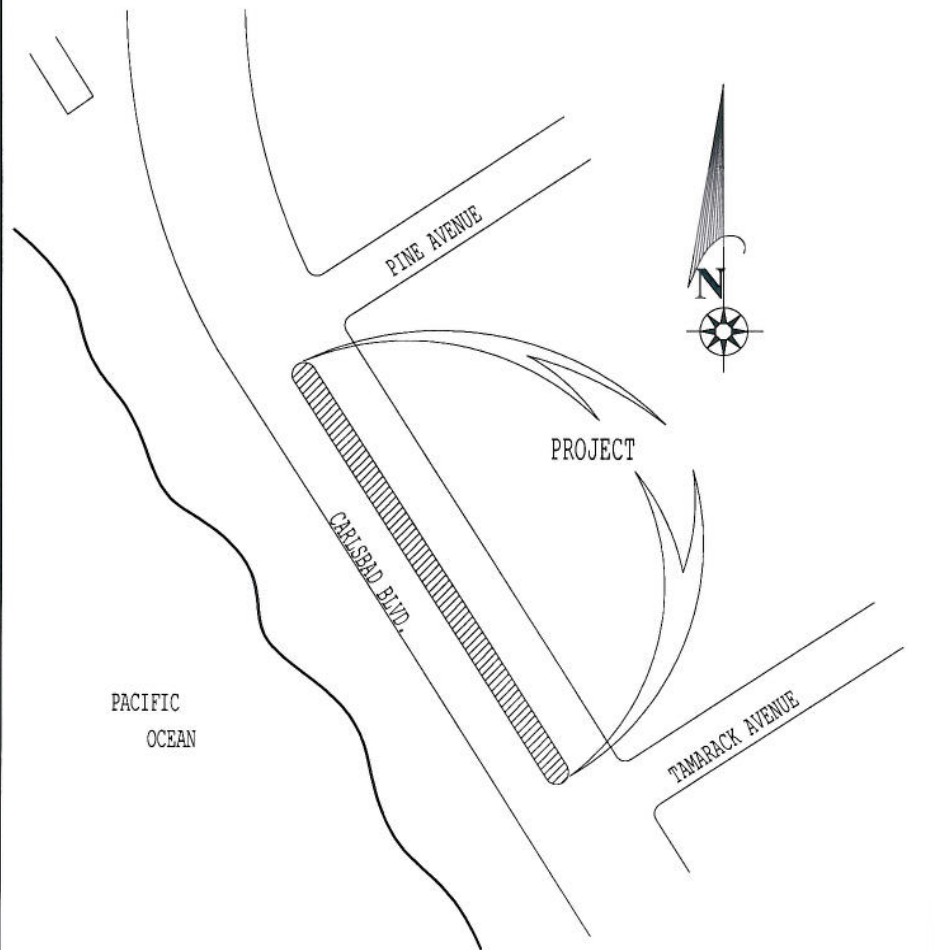
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - CARLSBAD BOULEVARD MEDIAN TAMARACK AVENUE TO PINE AVENUE

PROJECT NAME

3444
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard from Tamarack Avenue to Pine Avenue.

PROJECT DESCRIPTION:

Construct raised, landscaped median. Work includes concrete curb, landscaping, irrigation and colored, stamped concrete.

PROJECT NEED:

The median is needed to bring this section of Carlsbad Boulevard up to City Standards for a major arterial.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$2,112,500	Gas Tax
Total Cost =	\$2,112,500	

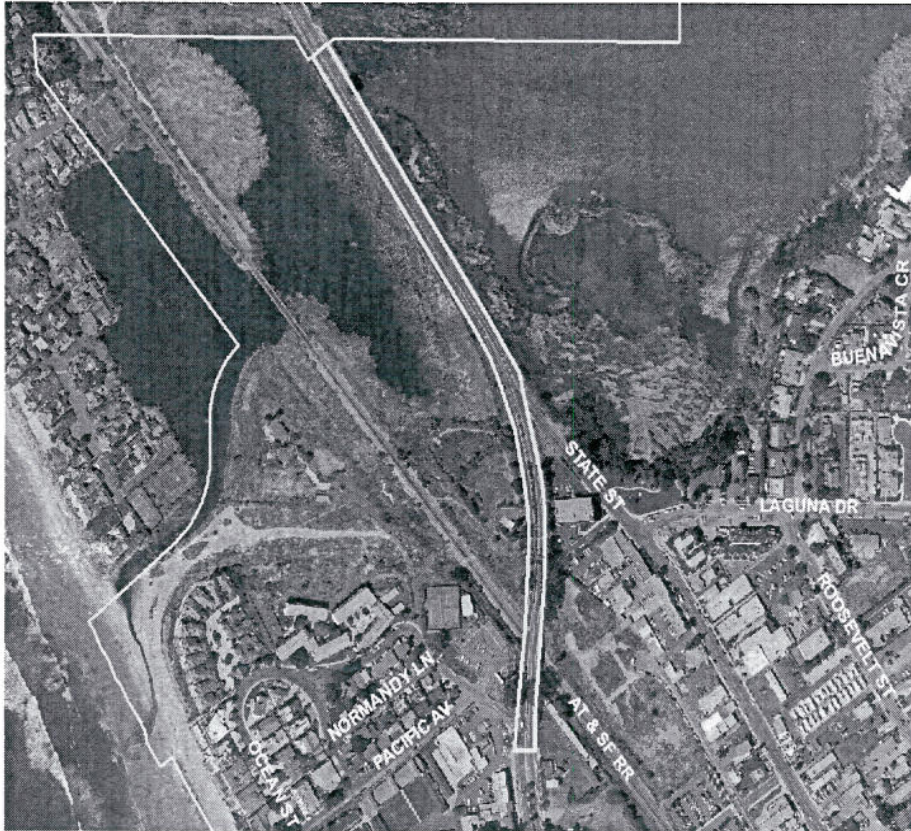
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BOULEVARD WIDENING MOUNTAIN VIEW DRIVE TO NORTHERLY CITY LIMITS

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard between Mountain View Drive to the northerly city limits.

PROJECT DESCRIPTION:

The project consists of widening Carlsbad Boulevard to Major Arterial Standards. The improvements will include adding additional lanes across the railroad right-of-way, two travel lanes across the Buena Vista Lagoon, a fully landscaped median, curb and gutter, sidewalks and possible intersection improvements at State Street.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will provide full width improvements to Carlsbad Boulevard in accordance with the city's Circulation Element.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$2,541,200	TIF
Design/Construction	\$10,164,800	Unfunded
Total Cost =	\$12,706,000	

CAPITAL PROJECT DESCRIPTION

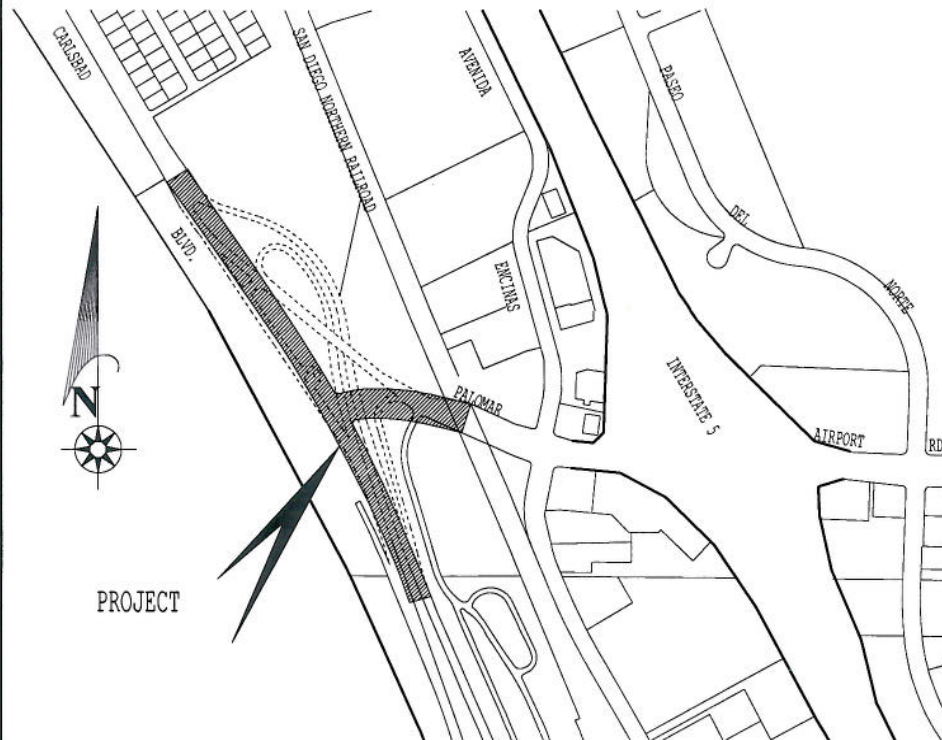
CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD BLVD and PALOMAR AIRPORT ROAD WIDENING AND BRIDGE RECONSTRUCTION

PROJECT NAME

39481

PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

On Palomar Airport Road between Carlsbad Boulevard and I-5 over the San Diego Northern Railway.

PROJECT DESCRIPTION:

Reconstruct old interchange and connect Palomar Airport Road to Carlsbad Boulevard with a standard signalized tee intersection. Construct four lanes of asphalt pavement on Palomar Airport Road (600 feet) and Carlsbad Boulevard (1,000 feet) including curb and gutter, medians, sidewalk, streetlights, traffic signal and new bridge over railroad.

PROJECT NEED:

Required to meet Growth Management Standards. Project will improve the capacity of the intersection and free two parcels of land which the City can lease or develop.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Studies/Environmental	\$712,400	TIF
Design/Permitting	\$2,815,000	TIF (RTCIP)
Construction	\$24,609,600	Unfunded
Total Cost =	\$28,137,000	

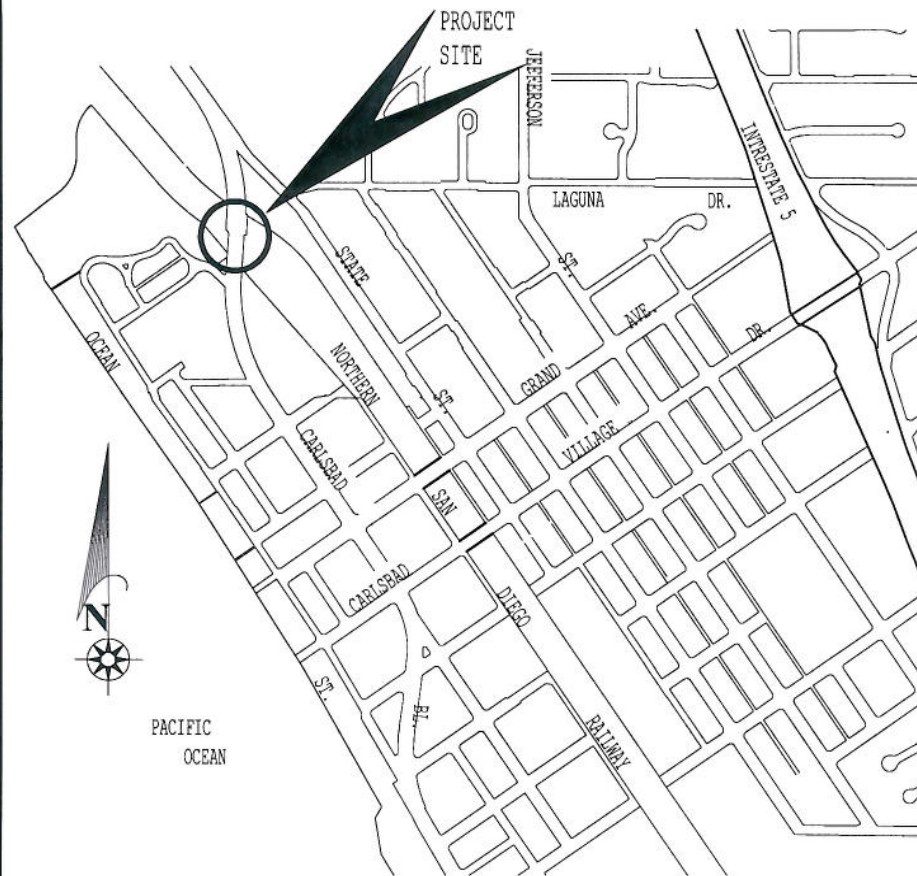
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - CARLSBAD BOULEVARD BRIDGE RETROFIT OVER SAN DIEGO NORTHERN RAILROAD

PROJECT NAME

3557
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

On Carlsbad Boulevard 500' southerly of its intersection with State Street.

PROJECT DESCRIPTION:

The project consists of retrofitting the existing 72 year old two-lane bridge and constructing a new four-lane bridge with bicycle lanes and sidewalks over the San Diego Northern Railroad.

PROJECT NEED:

Caltrans has determined that the bridge over the railroad is vulnerable to severe damage during the design earthquake. Caltrans and the Federal Highways Administration will fund a seismic retrofit of the bridge.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$500,000	TransNet/Local*
Construction	\$1,234,000	TransNet/Local*
Total Cost =	\$1,734,000	

* Funds totaling approximately \$1,054,000 to be reimbursed from Federal and State Grants.

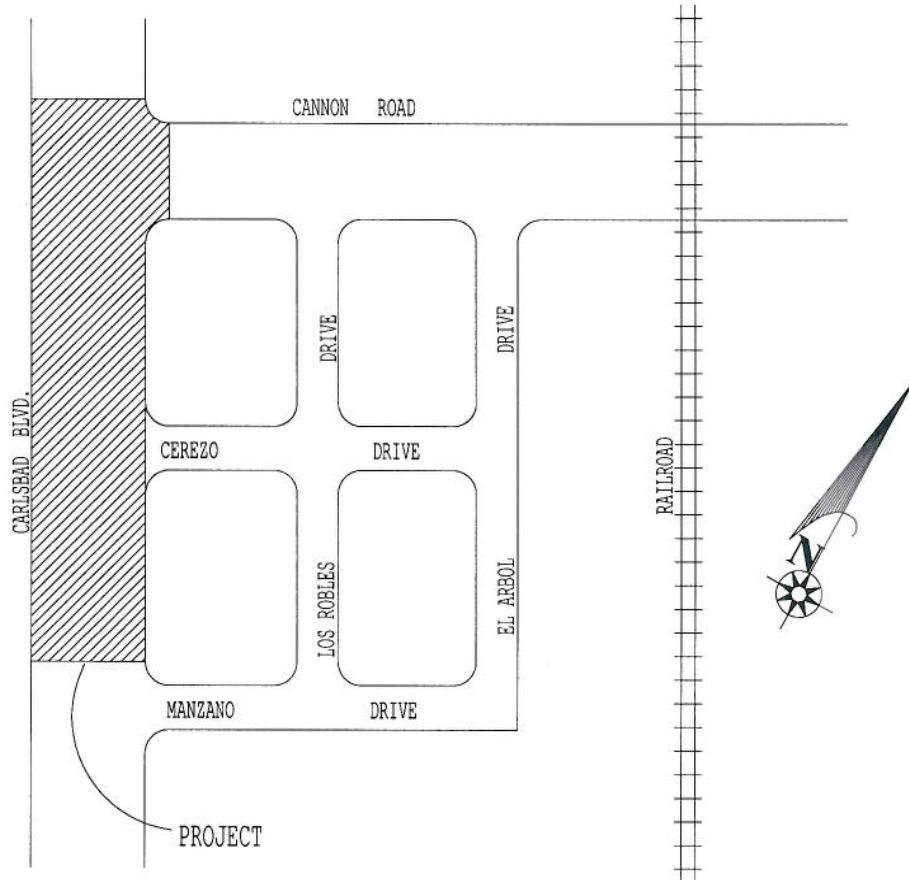
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - CARLSBAD BOULEVARD WIDENING - CANNON ROAD TO MANZANO DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Carlsbad Boulevard from Manzano Drive to Cannon Road.

PROJECT DESCRIPTION:

Widen Carlsbad Boulevard from two lanes to four lanes with a center raised median (major arterial). Construct pavement, curb and gutter, stamped concrete and landscaping.

A planning study was initiated in 1992 to determine alignment alternatives and investigate property access problems.

PROJECT NEED:

Required to meet Growth Management Standards and the Circulation Element of the General Plan.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$5,360,000	TIF
Total Cost =	\$5,360,000	

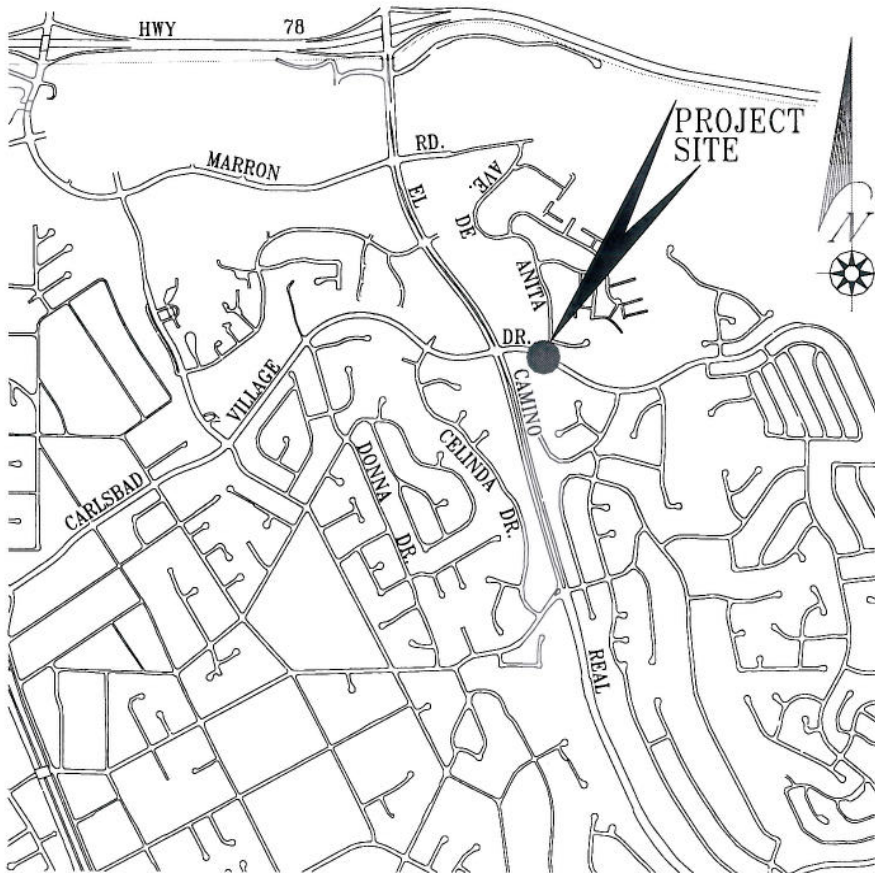
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CARLSBAD VILLAGE DRIVE AND AVENIDA DE ANITA

PROJECT NAME

6017
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Northwest corner of Carlsbad Village Drive and Avenida de Anita.

PROJECT DESCRIPTION:

Reconstruct Avenida de Anita as it approaches Carlsbad Village Drive to reduce the grade break at the intersection.

PROJECT NEED:

The project will reduce the grade break at the intersection and eliminate the damage to the roadway and large vehicles. NCTD experiences problems with their buses due to the grade break and may consider eliminating bus services to the general area.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$22,000	GCC
Construction	\$65,000	GCC
Admin/Inspection	\$15,000	GCC
Total Cost =	\$105,000	

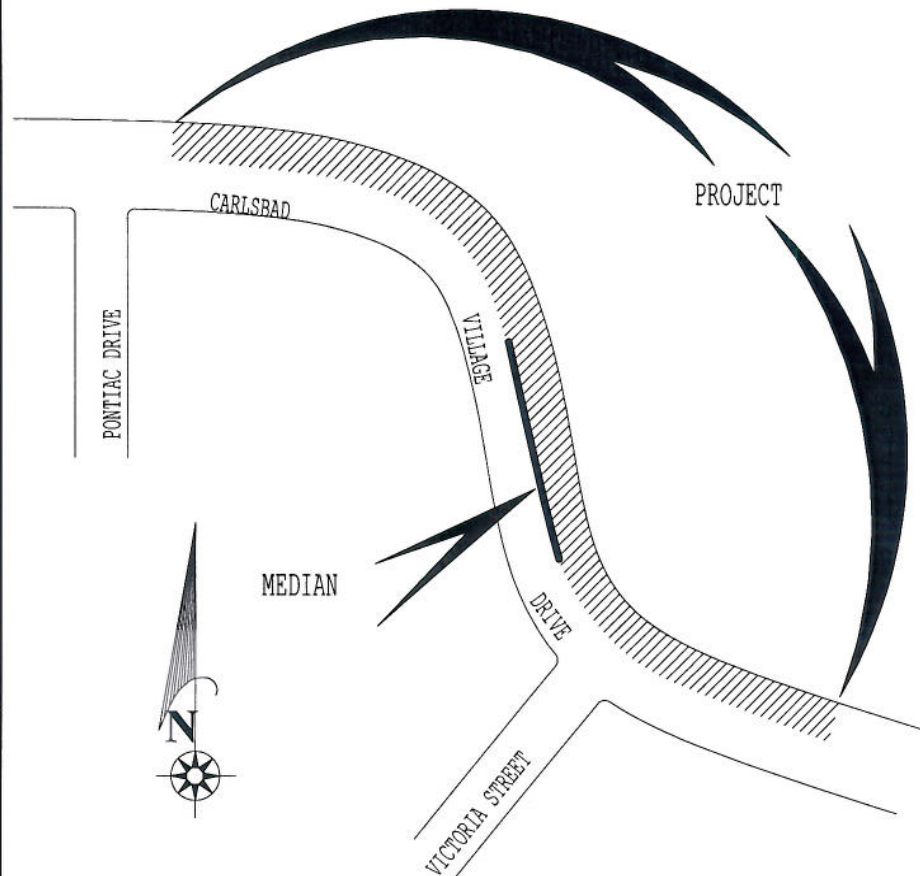
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - CARLSBAD VILLAGE DRIVE WIDENING

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

On Carlsbad Village Drive from 200 feet east of Pontiac Drive to 200 feet east of Victoria Street.

PROJECT DESCRIPTION:

Widen Carlsbad Village Drive to secondary arterial standards; street is currently only half-width. Construct curb & gutter, sidewalk, streetlights, median curb, base and asphalt pavement. The project design may include standard modifications consistent with local environmental and topographical constraints of the project site.

PROJECT NEED:

Required to meet Growth Management Standards and the Circulation Element of the General Plan.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$4,841,000	TIF
Total Cost =	\$4,841,000	

CAPITAL PROJECT DESCRIPTION

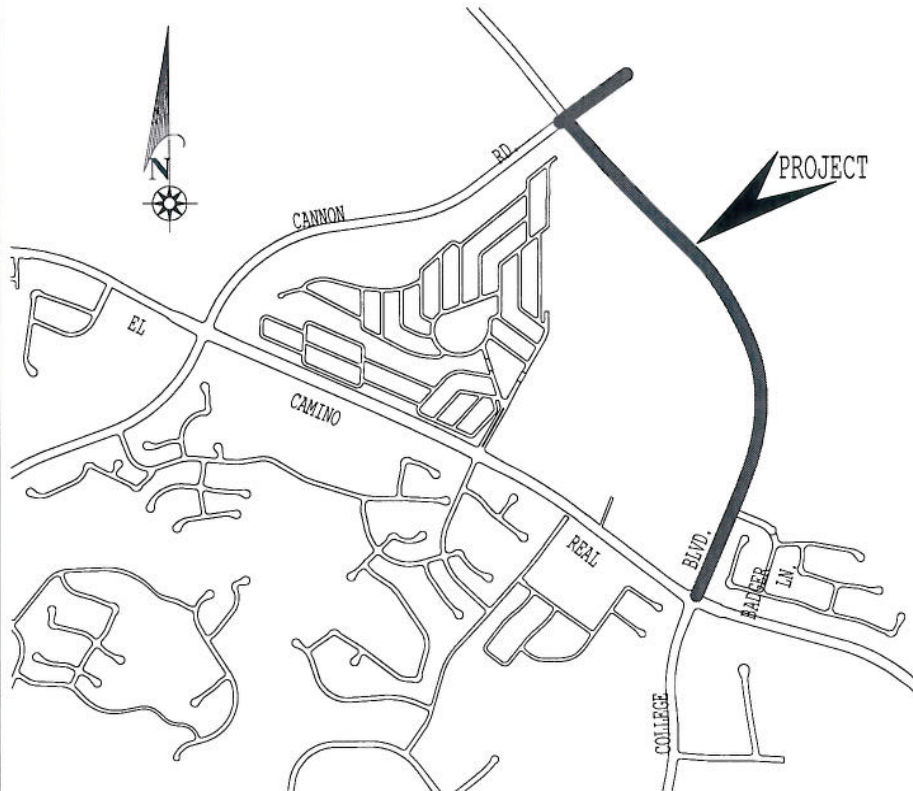
3636

PROJECT NO.

CIRCULATION SYSTEM STREET PROJECTS – COLLEGE BOULEVARD REACH A AND CANNON ROAD REACH 4A

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

College Boulevard east of ECR from the existing College Boulevard terminus at Badger Lane to Cannon Road and Cannon Road from College Boulevard to approximately 1,200 foot east.

PROJECT DESCRIPTION:

Construction of the core improvements to College Boulevard from Badger Lane to Cannon Road and Cannon Road from College Boulevard to approximately 1,200 feet east of the College/Cannon intersection. The core improvements include full-width grading, two 18-foot paved travel lanes (one on each side of a raised unimproved median), median curbs, transition to full improvements at the intersection of College Boulevard and Cannon Road, drainage improvements to protect the road fill, a bridge structure across Sunny Creek, erosion control, environmental mitigation and Master Drainage Plan flood retention Basin BJ. The Basin BJ improvements include relocation of the existing private RV storage, maintenance facilities and community garden owned by the Rancho Carlsbad Mobile Home Park residents which currently occupy the proposed basin site.

PROJECT NEED:

The project is needed to comply with the City's Growth Management Plan and to complete the Circulation Element.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Environmental	\$220,000	Other (Developer)
Construction	\$1,493,002	Other (Developer)
Total Cost =	\$1,713,002	

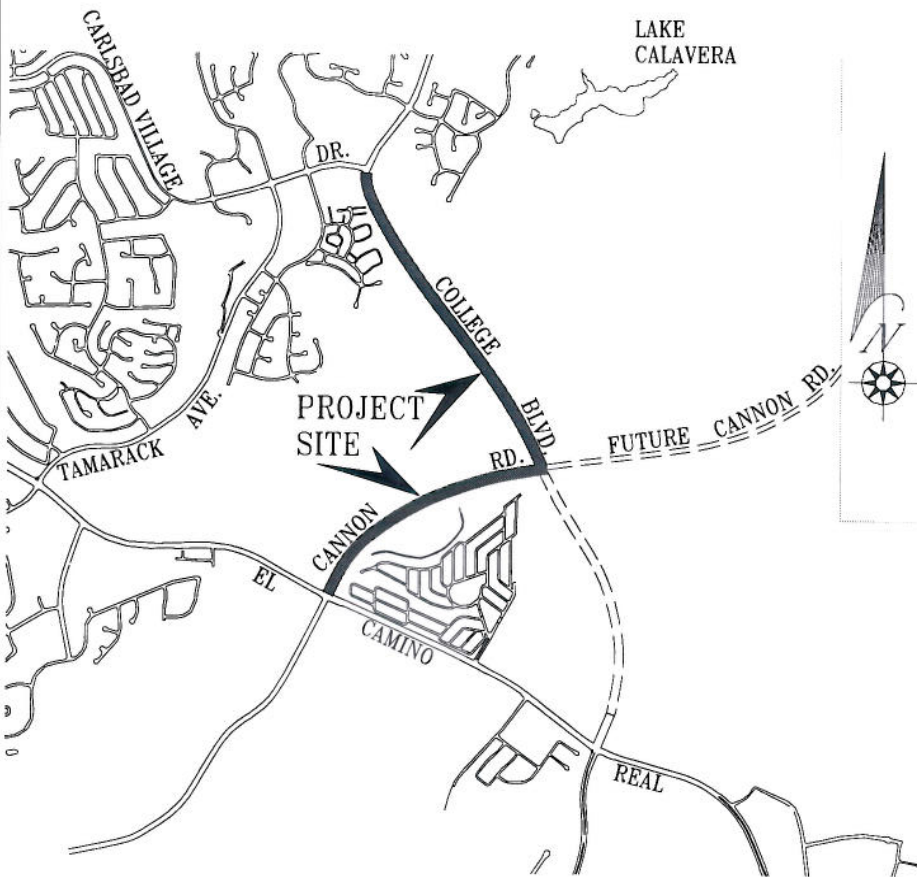
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - COLLEGE BOULEVARD/CANNON ROAD REACH 3 ASSESSMENT DISTRICT

3879
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the extension of College Boulevard from Cannon Road to Carlsbad Village Drive and along the extension of Cannon Road from El Camino Real to College Boulevard.

PROJECT DESCRIPTION:

Formation of a financing district for the purpose of financing the construction of the above described sections of College Boulevard and Cannon Road. The improvements within the project include full width grading of the College and Cannon roadways to major arterial standards, construction of the center two lanes separated by a raised unimproved median, installation of needed drainage improvements to protect the roadbed, and full width improvements of the arterial intersections with El Camino Real. The outside traffic lanes, fronting improvements and median landscaping/hardscaping will be the obligation of adjacent developing property owners.

PROJECT NEED:

The project is required to complete the Circulation Element of the General Plan and to comply with the Growth Management Standard for circulation facilities. Financing for the project is required prior to any further development within Zones 7 and 14. Construction of the project may occur in phases consistent with the requirements of the various individual zone plans.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$10,314,481	Assessment District
Total Cost =	\$10,314,481	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CONCRETE REPAIR PROGRAM

PROJECT NAME

6013 & 6021

PROJECT NO.

PROJECT LOCATION MAP:

VARIOUS LOCATIONS OF CITY

PROJECT LOCATION:

Located along streets included in the Pavement Management Program throughout the City.

PROJECT DESCRIPTION:

Miscellaneous concrete repairs to sidewalks, curb and gutter, driveway aprons and cross gutters along streets included in the Pavement Management Program projects.

PROJECT NEED:

Concrete curb and gutter, sidewalk, driveways and cross gutters are damaged and in need of replacement.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$250,000	GCC
Construction	\$4,250,000	GAS TAX
Total Cost =	\$4,500,000	

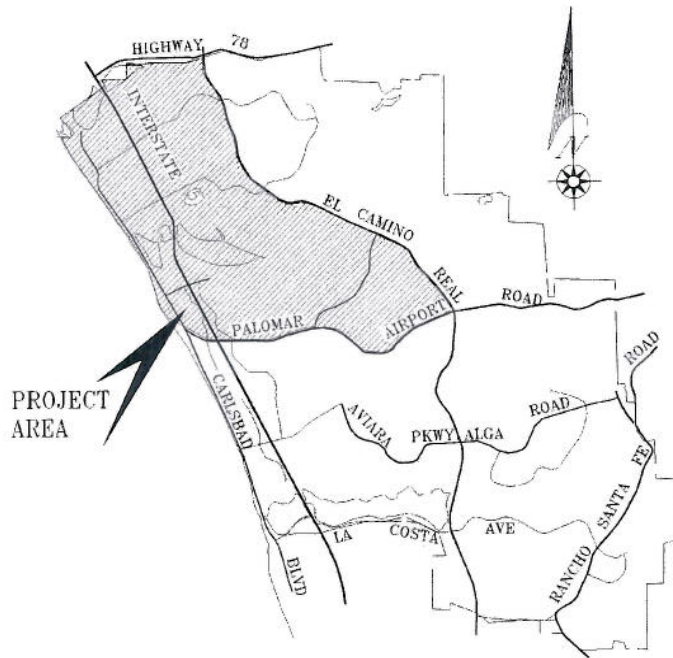
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – CONCRETE REPLACEMENT

PROJECT NAME

6006
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Various locations in the northwest quadrant of the City.

PROJECT DESCRIPTION:

The project is designed to replace curb, gutter, sidewalk, and driveway approaches on those streets which will receive pavement overlay in Fiscal Year 06-07. There are over 700 locations which will be reconstructed as part of the project.

PROJECT NEED:

The concrete work occurs at locations where there is deterioration, cracking, and uplifting of existing concrete improvements.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$1,193,350	IRF
Admin/Inspection	\$50,000	IRF
Total Cost =	\$1,243,350	

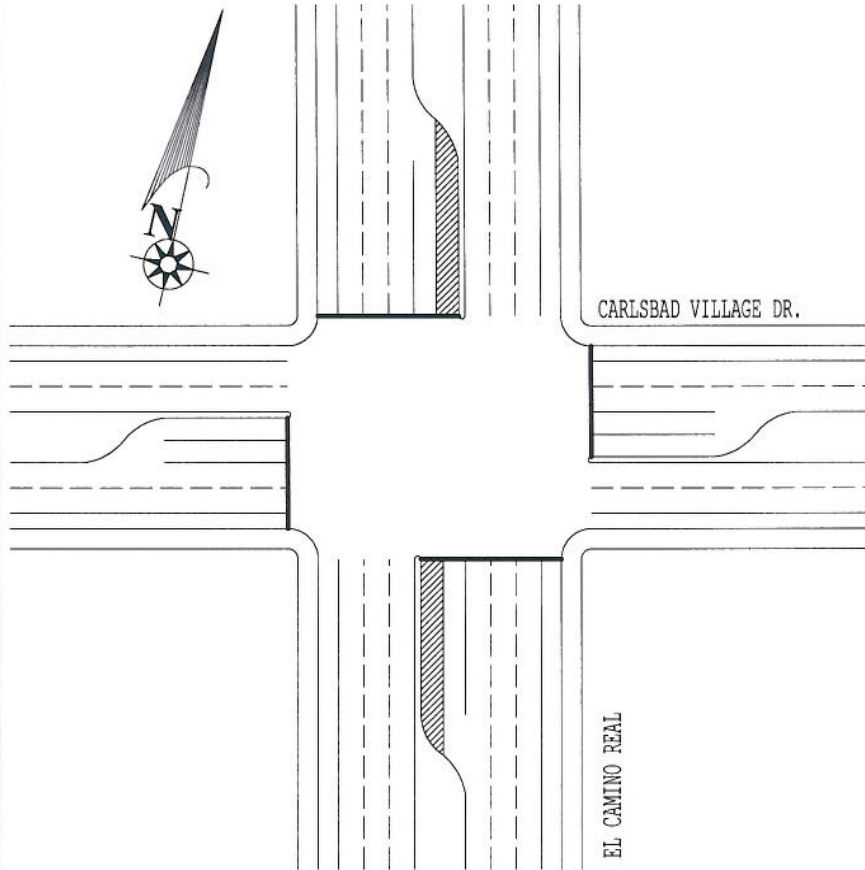
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - EL CAMINO REAL AND CARLSBAD VILLAGE DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of El Camino Real and Carlsbad Village Drive.

PROJECT DESCRIPTION:

Construct northbound and southbound dual left-turn lanes on El Camino Real.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$865,000	TIF
Total Cost =	\$865,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL CAMINO REAL AND TAMARACK AVENUE LEFT-TURN LANE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

El Camino Real and Tamarack Avenue intersection.

PROJECT DESCRIPTION:

Provide an additional left turn lane from northbound El Camino Real to westbound Tamarack Avenue.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will accommodate a dedicated left-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$253,000	TIF
Total Cost =	\$253,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL CAMINO REAL AND ALGA ROAD RIGHT-TURN LANE PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Southeast corner of El Camino Real and Alga Road.

PROJECT DESCRIPTION:

Modify the right turn lane configuration from northbound El Camino Real to eastbound Alga Road.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will accommodate a dedicated right-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$335,000	TIF
Total Cost =	\$335,000	

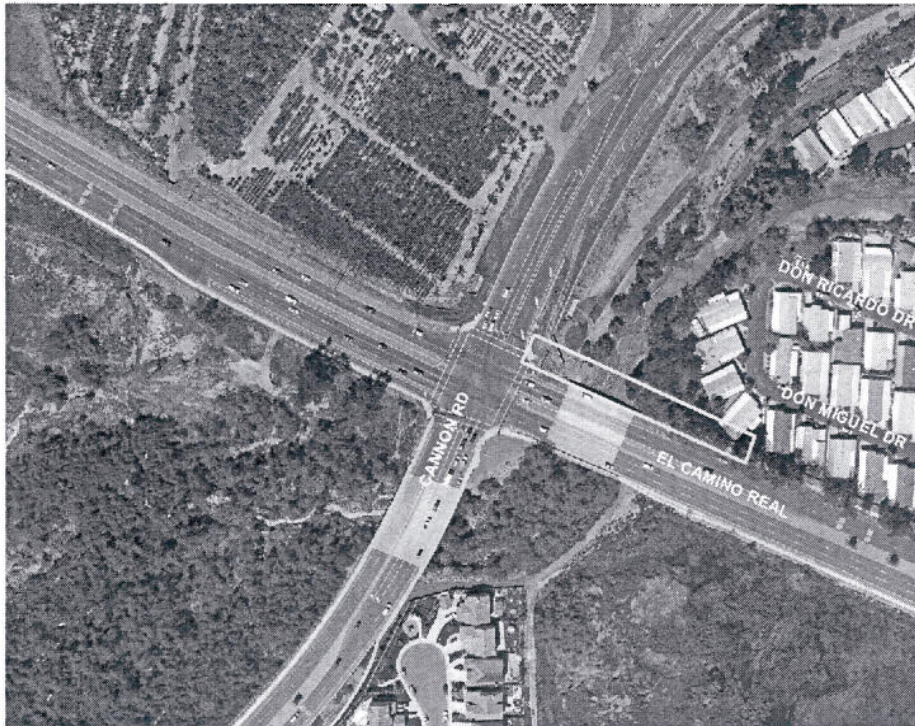
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL CAMINO REAL AND CANNON ROAD INTERSECTION IMPROVEMENTS

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

El Camino Real and Cannon Road intersection.

PROJECT DESCRIPTION:

The project consists of widening the existing bridge structure and constructing an additional right-turn lane from northbound El Camino Real to eastbound Cannon Road. The project also includes additional left-turn lane pockets from El Camino Real to both directions of Cannon Road.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will accommodate a dedicated left-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$974,000	TIF (RTCIP)
Design/Construction	\$1,231,000	TIF
Total Cost =	\$2,205,000	

CAPITAL PROJECT DESCRIPTION

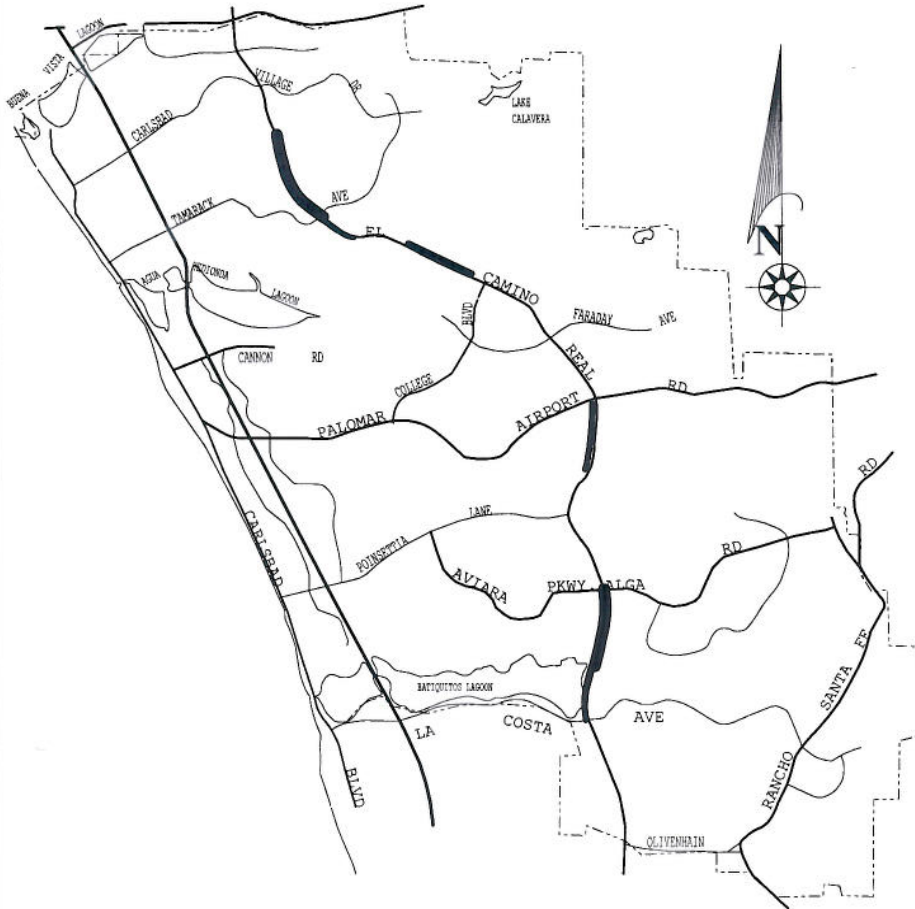
CIRCULATION SYSTEM STREET PROJECTS - EL CAMINO REAL MEDIANS

PROJECT NAME

3643 & 3909

PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At various locations along El Camino Real between the north and south City boundaries.

PROJECT DESCRIPTION:

Construct raised, landscaped medians at various places where no developer will be obligated to do so as a condition of a private development. Work includes median curb, stamped concrete paving, irrigation and landscaping.

NOTE: Project funds may be used to reimburse developer for construction of median improvements in excess of those improvements required of the development. Currently, \$100,000 is budgeted to reimburse the Evans Point developer for median improvements constructed adjacent to the Rancho Carlsbad Mobile Home Park.

PROJECT NEED:

Raised landscaped medians are required on prime arterials for vehicular safety and to meet City standards.

FINANCING:

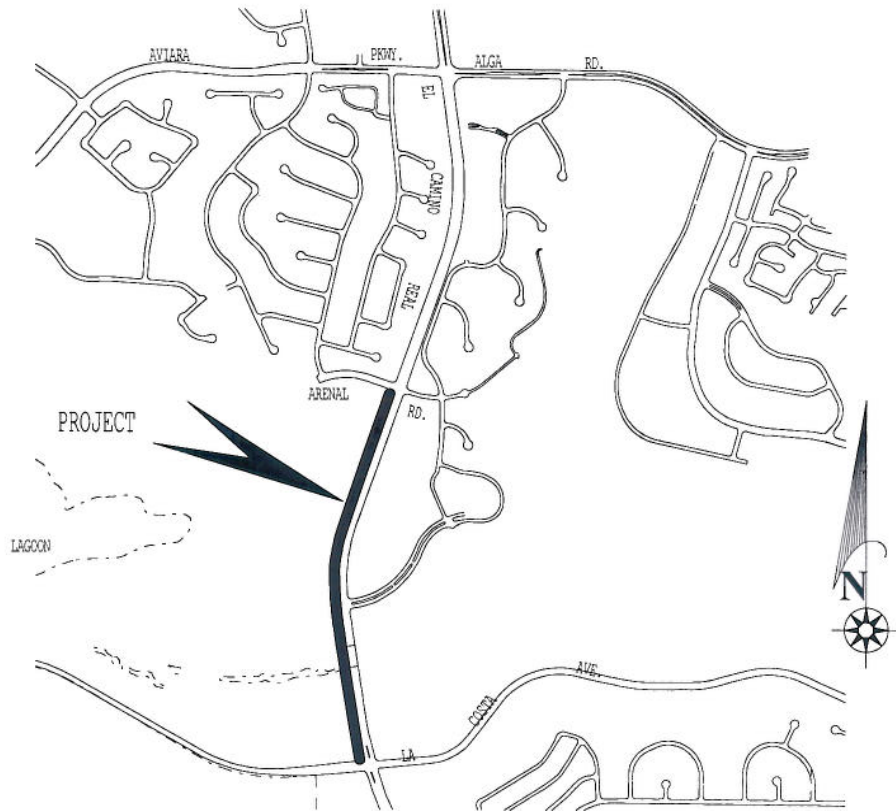
<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$909,500	PFF
Design/Construction	\$1,502,900	Gas Tax
Total Cost =	\$2,412,400	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - EL CAMINO REAL WIDENING LA COSTA AVENUE TO ARENAL ROAD PROJECT NAME

3909
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

On the west side of El Camino Real from La Costa Avenue to Arenal Road.

PROJECT DESCRIPTION:

Add the southbound lane for a length of approximately 3,400 feet to widen the street to full prime arterial standards. Construct curb & gutter, sidewalk, base, asphalt pavement, streetlights and full median improvements.

PROJECT NEED:

Required to comply with Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$90,500	PFF
Design/Construction	\$601,000	TIF (RTCIP)
Design/Construction	\$1,704,000	TIF
Total Cost =	\$2,395,500	

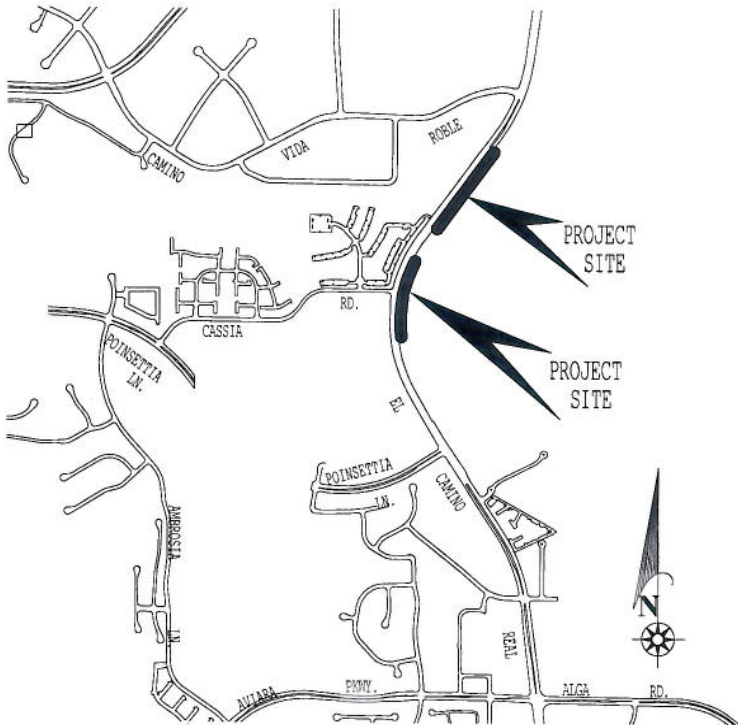
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL CAMINO REAL WIDENING – CASSIA ROAD TO CAMINO VIDA ROBLE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

East side of El Camino Real south of Cassia Road to south of Camino Vida Roble.

PROJECT DESCRIPTION:

Widening approximately 2,000 linear feet of roadway including construction of curb, gutter, sidewalks, pavement, median, roadway rehabilitation, and signal modifications on El Camino Real.

PROJECT NEED:

El Camino Real is identified in the SANDAG Congestion Management Plan (CMP) as a failing road. Adjacent property is fully developed. Widening this section of roadway will contribute to the City's CMP deficiency plan as mandated by the State.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design & Environmental	\$407,000	Gas Tax
Right-of-Way	\$500,000	Gas Tax
Construction	\$3,119,000	Gas Tax
Total Cost =	\$4,026,000	

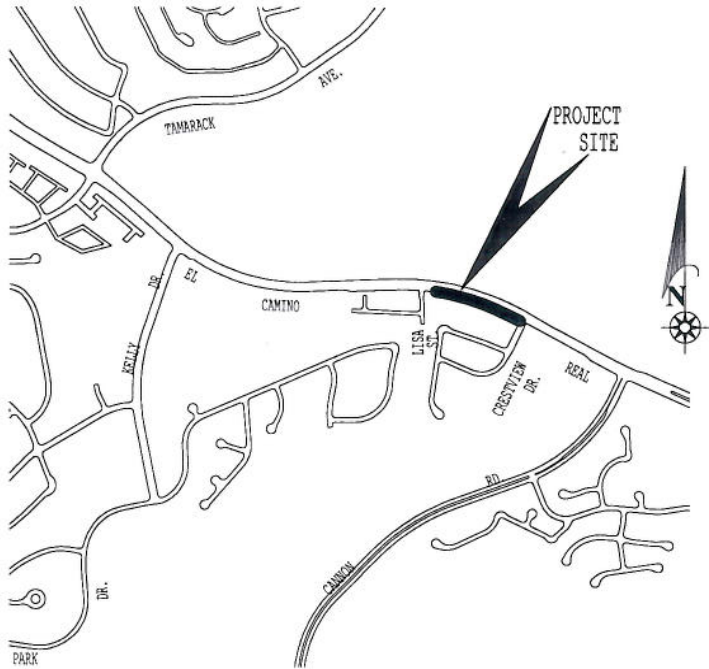
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL CAMINO REAL WIDENING – LISA STREET TO CRESTVIEW DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

West side of El Camino Real from south of Lisa Street to Crestview Drive.

PROJECT DESCRIPTION:

Widening approximately 1,200 linear feet of roadway including construction of curb, gutter, sidewalks, pavement, median, and roadway rehabilitation on El Camino Real.

PROJECT NEED:

El Camino Real is identified in the SANDAG Congestion Management Plan (CMP) as a failing road. Adjacent property is fully developed. Widening this section of roadway will contribute to the City's CMP deficiency plan as mandated by the State.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design & Environmental	\$82,000	*TransNet Local
Right-of-Way	\$250,000	*TransNet Local
Construction	\$627,000	*TransNet Local
Total Cost =	\$959,000	

*Funding source may change if adjacent property develops or assessment districts are formed.

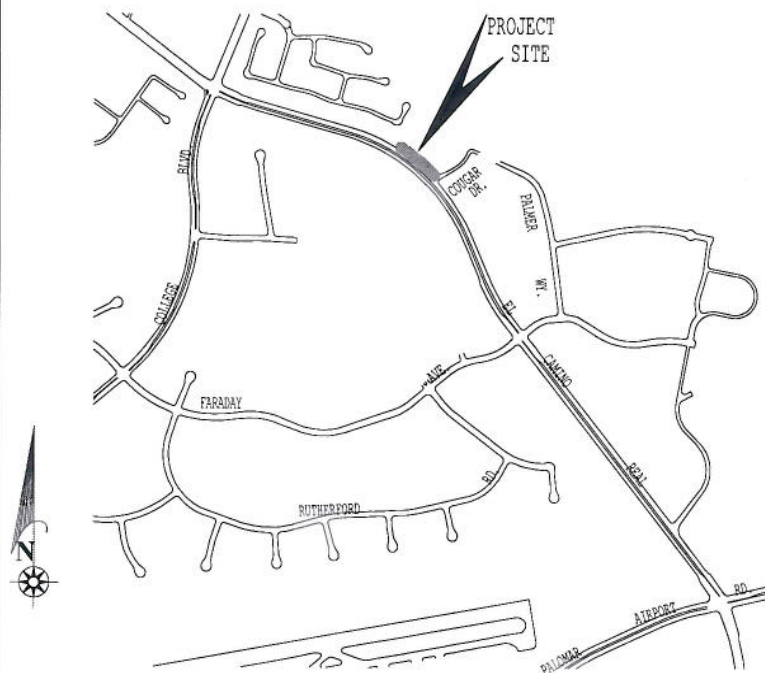
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - EL CAMINO REAL WIDENING – NORTH OF COUGAR DRIVE

PROJECT NAME

3920
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

East side of El Camino Real north of Cougar Drive.

PROJECT DESCRIPTION:

Widening approximately 250 linear feet of roadway including construction of curb, gutter, sidewalks, pavement, median, and roadway rehabilitation on El Camino Real.

PROJECT NEED:

El Camino Real is identified in the SANDAG Congestion Management Plan (CMP) as a failing road. Adjacent property is fully developed. Widening this section of roadway will contribute to the City's CMP deficiency plan as mandated by the State.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design & Environmental	\$30,000	*TransNet Local
Right-of-Way	\$60,000	*TransNet Local
Construction	\$403,000	*TransNet Local
Total Cost =	\$493,000	

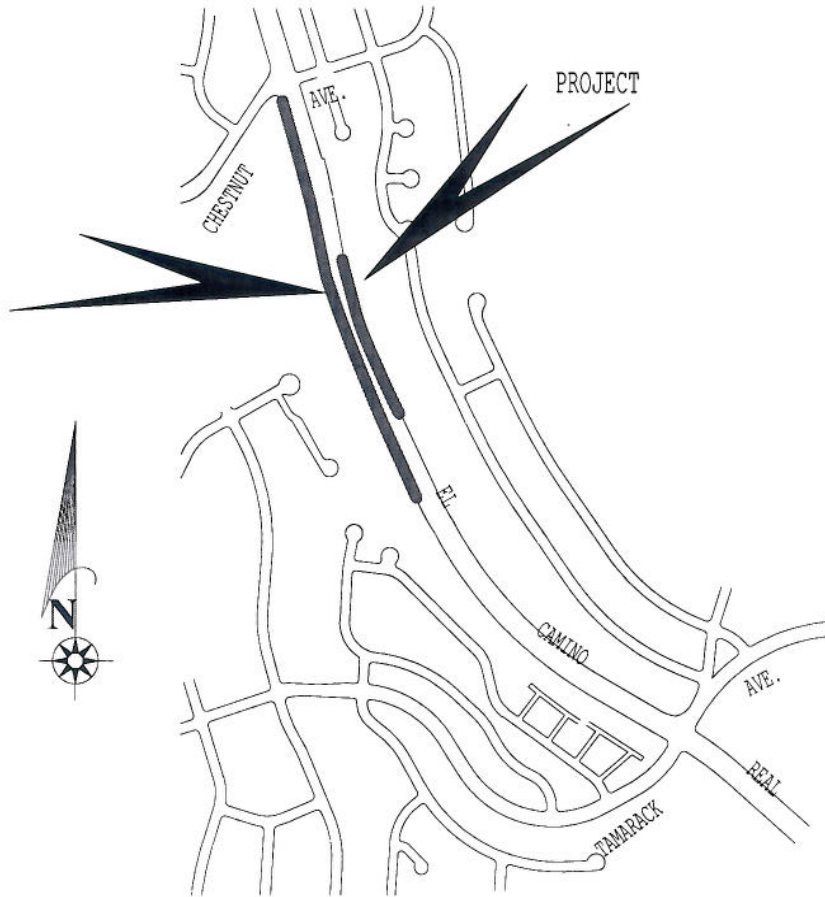
***Funding source may change if adjacent property develops or assessment districts are formed.**

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - EL CAMINO REAL WIDENING TAMARACK AVENUE TO CHESTNUT AVENUE PROJECT NAME

3957 & 3929
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along El Camino Real from Tamarack Avenue to Chestnut Avenue.

PROJECT DESCRIPTION:

Add the outside lane to widen street to full prime arterial standards. Widen west side approximately 1,200 feet in length and east side approximately 600 feet in length. Construct curb & gutter, sidewalk, base, and asphalt pavement and streetlights.

PROJECT NEED:

To complete widening to prime arterial standards where no developers are likely to develop and to improve the road capacity.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$422,000	TIF (RTCIP)
Construction	\$7,656,000	TIF
Total Cost =	\$8,078,000	

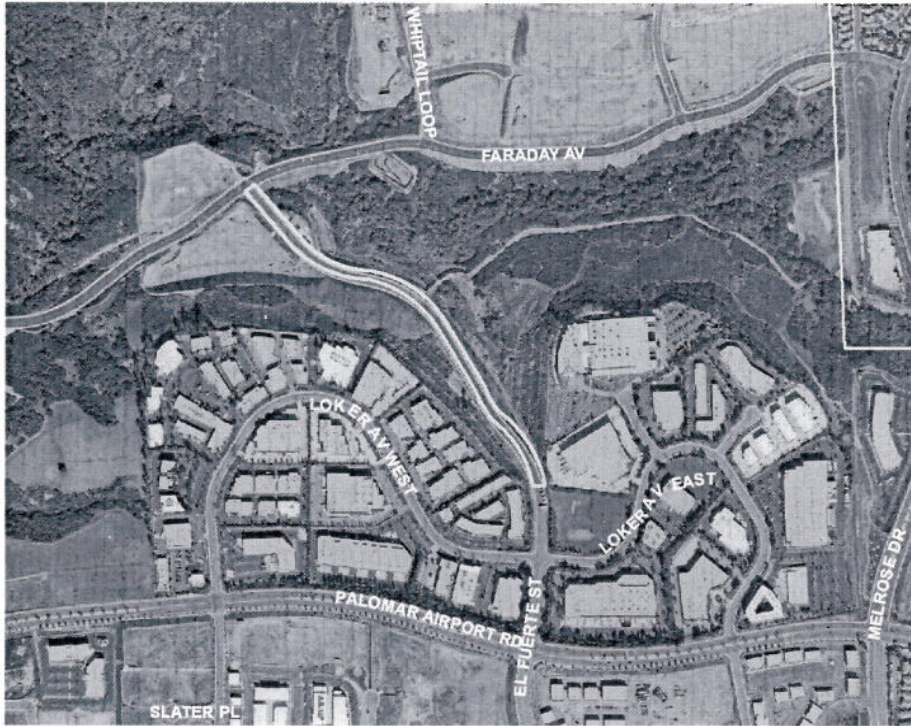
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – EL FUERTE STREET EXTENSION

6009
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

The extension of El Fuerte Street from Loker Avenue northerly to Faraday Avenue.

PROJECT DESCRIPTION:

Construction of El Fuerte Street from its current terminus at Loker Avenue northerly to Faraday Avenue. The project would include the construction of two travel lanes in each direction, curbs and gutters, sidewalks, landscaped median.

PROJECT NEED:

The project is required to implement the Circulation Element of the General Plan and to comply with the Growth Management Standard. The project will provide another circulation roadway through the industrial properties within the area.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$4,095,146	Other
Total Cost	\$4,095,146	

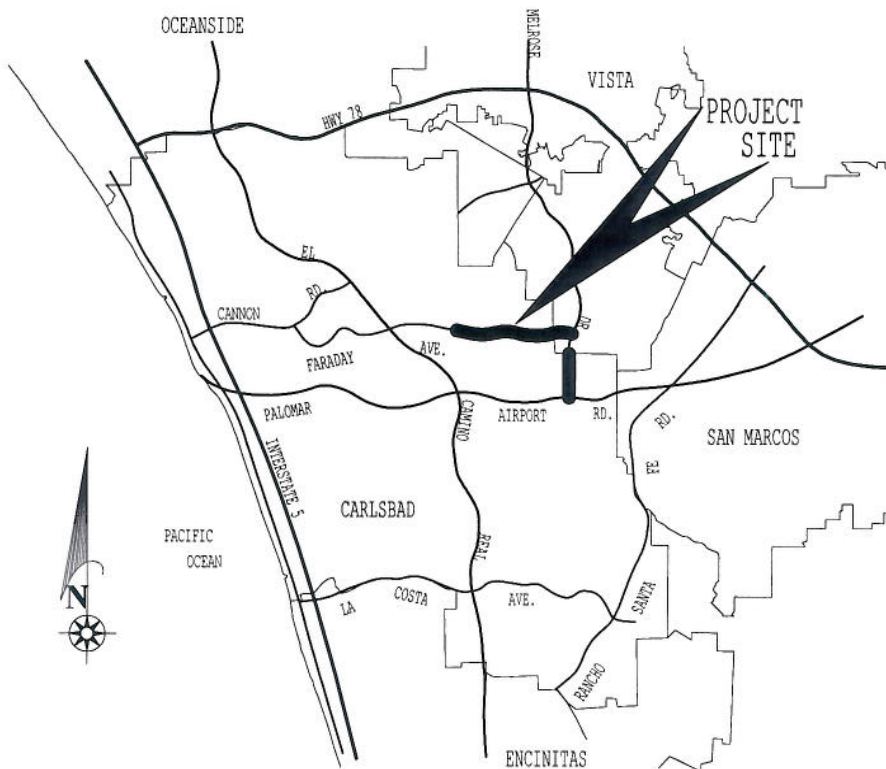
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – FARADAY AVENUE/MELROSE DRIVE EXTENSIONS

3622, 6007,
6008,6011
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the extension of Melrose Drive from Palomar Airport Road to the Carlsbad/Vista city limit and along the extension of Faraday Avenue from Orion Way to Melrose Drive in Vista.

PROJECT DESCRIPTION:

Construction of two lanes of Faraday Avenue approximately 1.3 miles from its current terminus at Orion Way easterly to Melrose Drive in the City of Vista and the construction of four lanes of Melrose Drive approximately 0.3 miles from Palomar Airport Road to its current terminus at the Carlsbad/Vista city boundary. The project would include the reconstruction of a portion of existing Melrose Drive in the City of Vista and the construction of a bridge over the Agua Hedionda Creek along Faraday Avenue.

PROJECT NEED:

The project is required to complete the Circulation Element of the General Plan and to comply with the Growth Management Standard. The project will divert significant amounts of traffic from existing Palomar Airport Road by providing a second east/west arterial linkage from Melrose Drive to Interstate 5 through the core of the Carlsbad and Vista industrial centers.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$24,077,709 +++	Other
Design	\$2,362,210 ++	Water Connection
Design	\$110,200 ++	Sewer Replacement
Total Cost⁺⁺⁺=	\$26,550,119	

++ Project Nos. 36224, 36225, 36223

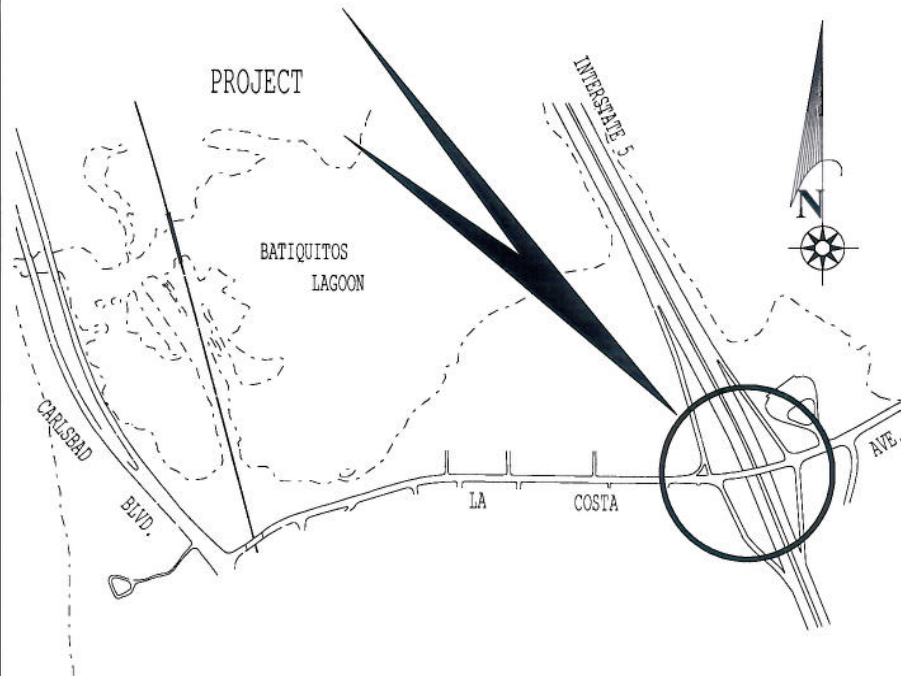
+++Project Nos. 6007, 6008, 6011

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM FREEWAY INTERCHANGE PROJECTS - INTERSTATE 5 AND LA COSTA AVENUE AUXILIARY LANES PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of Interstate 5 and La Costa Avenue.

PROJECT DESCRIPTION:

The addition of auxiliary traffic lanes on Interstate 5 to be installed at the future direction of Caltrans.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$2,000,000	CFD #1
Total Cost =	\$2,000,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – LA COSTA AVENUE SLOPE REPAIR WEST OF ROMERIA STREET

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

The south side of La Costa Avenue approximately 740 feet west of Romeria Street.

PROJECT DESCRIPTION:

The project will begin with a study of the slope adjacent to La Costa Avenue and recommend appropriate action measures to ensure protection of the roadway and adjacent private properties. The project will consist of detailed geotechnical analysis, preliminary environmental impact analysis, and a preliminary design of the appropriate remediation project.

PROJECT NEED:

Residents have contacted the City expressing concern over a potential slope failure on La Costa Avenue. The results of a geotechnical investigation will indicate whether this is a high-priority or if minor remediation measures can be performed by City staff.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Study/Design	\$46,000	Gas Tax
Environmental	\$53,000	Gas Tax
Construction	\$84,500	Gas Tax
Total Cost =	\$183,500	

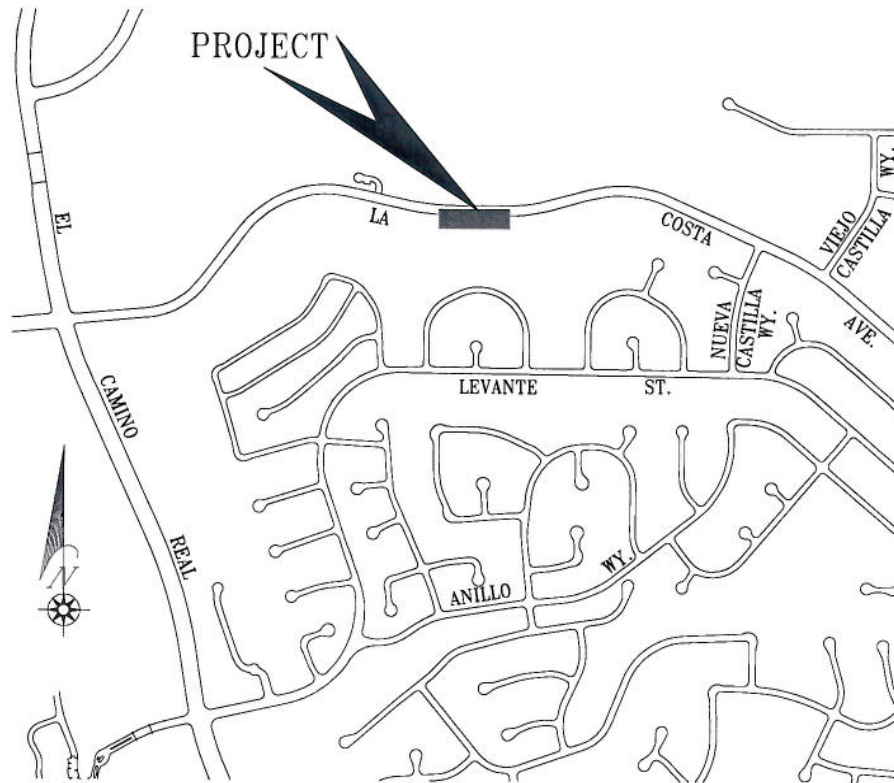
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – MARBELLA WALL BEAUTIFICATION

PROJECT NAME

6020
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

La Costa Marbella Condominiums.

PROJECT DESCRIPTION:

Develop visual alternatives and estimated costs for the beautification of the newly constructed retaining wall. The project envisions hiring a consultant to prepare alternative architectural and landscape proposals. The project would include community outreach meetings.

PROJECT NEED:

The project would provide the City Council with alternative beautification proposals for the existing wall. Future additional appropriations would be necessary to implement the desired project.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$160,000	GCC
Total Cost =	\$160,000	

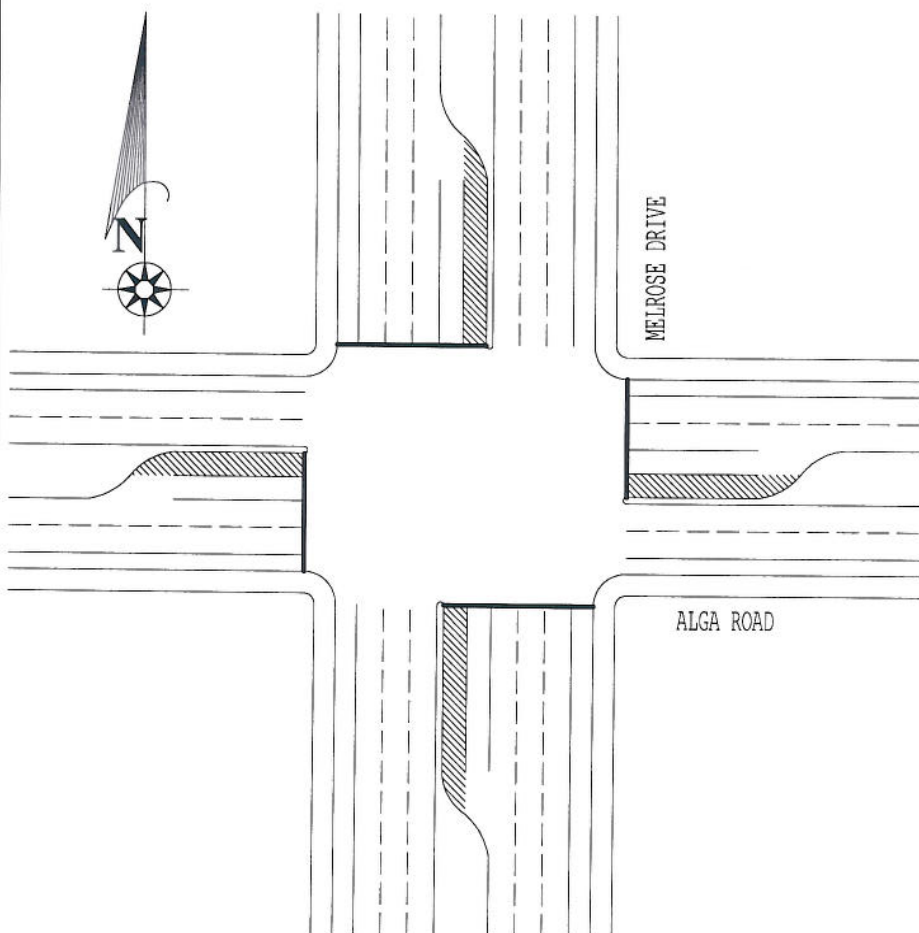
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - MELROSE DRIVE AND ALGA ROAD

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of Melrose Drive and Alga Road.

PROJECT DESCRIPTION:

Construct dual left-turn lanes on all approaches to the intersections—northbound, southbound, eastbound and westbound.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$946,000	TIF
Total Cost =	\$946,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – MELROSE DRIVE AND PALOMAR AIRPORT ROAD RIGHT-TURN LANE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Northwest corner of Melrose Drive and Palomar Airport Road.

PROJECT DESCRIPTION:

Widen southbound Melrose Drive to provide an additional right-turn lane to westbound Palomar Airport Road.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will accommodate a dedicated right-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$410,000	TIF
Total Cost =	\$410,000	

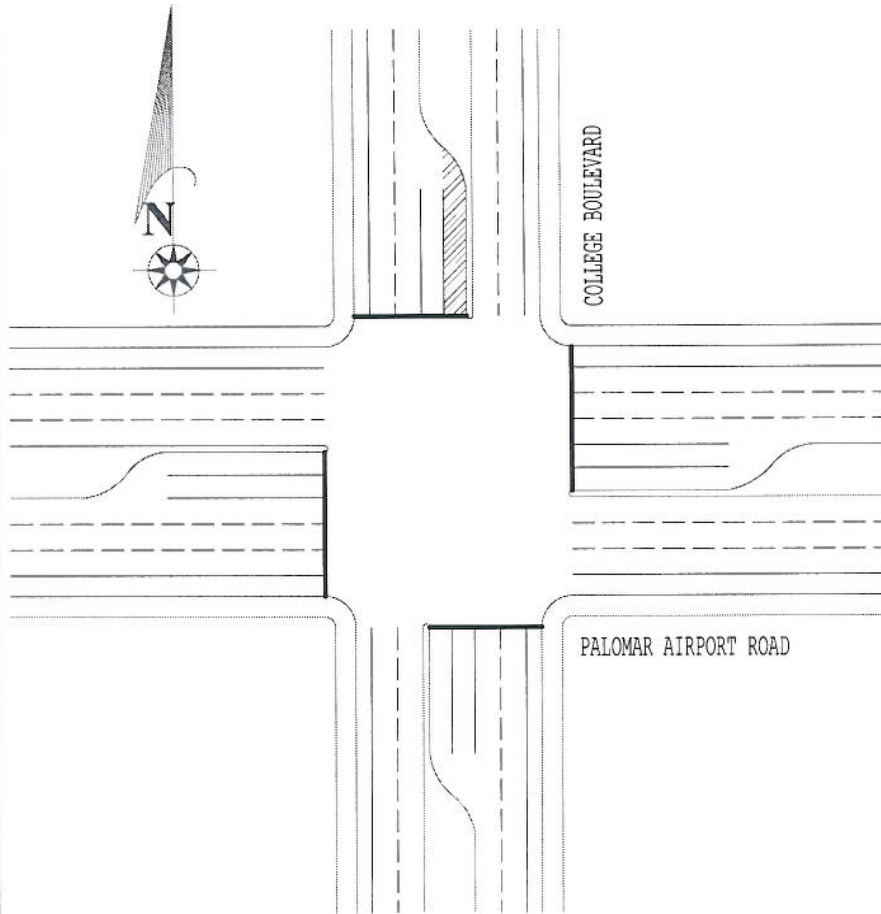
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - PALOMAR AIRPORT ROAD AND COLLEGE BOULEVARD

NONE
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

At the intersection of the Palomar Airport Road and College Boulevard.

PROJECT DESCRIPTION:

Construct dual left-turn lane on College Boulevard southbound to eastbound. Project work includes reconstruction of median improvements, striping and signal modifications. Additional right-of-way will be required.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$587,000	TIF
Total Cost =	\$587,000	

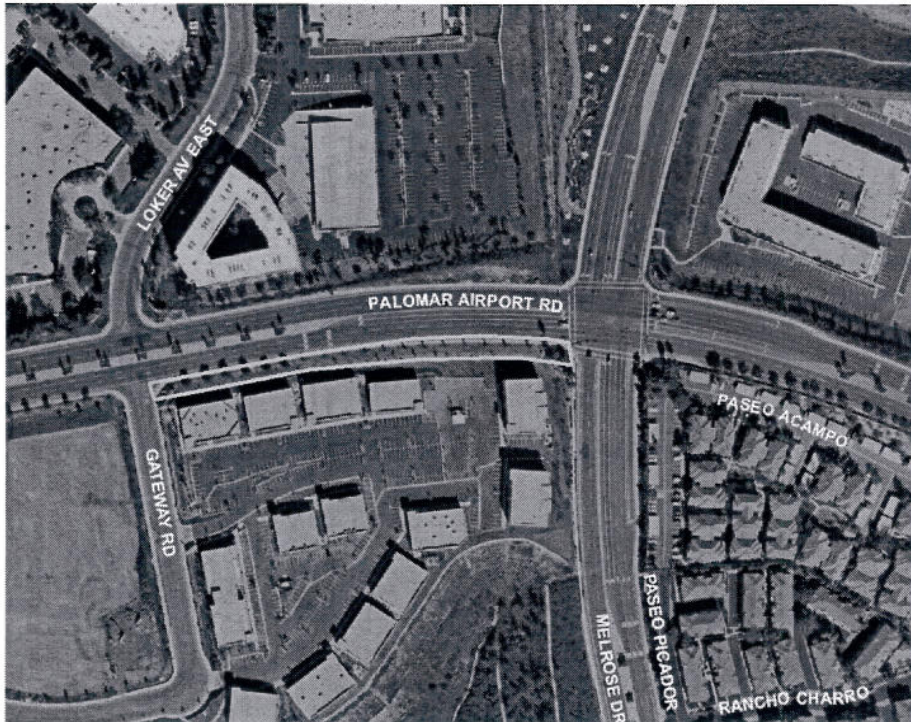
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – PALOMAR AIRPORT ROAD AND MELROSE AVENUE RIGHT-TURN LANE

PROJECT NAME

6012
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Southwest corner of Palomar Airport Road and Melrose Avenue.

PROJECT DESCRIPTION:

Widening Palomar Airport Road to provide a right-turn lane to southbound Melrose Avenue.

PROJECT NEED:

The widening will accommodate a dedicated right-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$165,980	CFD#2
Design/Construction	\$88,500	Gas Tax
Design/Construction	\$88,500	TIF
Total Cost =	\$342,980	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – PALOMAR AIRPORT ROAD AND EL CAMINO REAL RIGHT-TURN LANE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Southwest corner of Palomar Airport Road and El Camino Real.

PROJECT DESCRIPTION:

Widen eastbound Palomar Airport Road to provide a right-turn lane to southbound El Camino Real.

PROJECT NEED:

This project was included in the 2008 Traffic Impact Fee Program Update. The widening will accommodate a dedicated right-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$568,000	TIF
Total Cost =	\$568,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – PALOMAR AIRPORT ROAD AND EL FUERTE STREET RIGHT-TURN LANE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Northeast corner of Palomar Airport Road and El Fuerte Street.

PROJECT DESCRIPTION:

Widen westbound Palomar Airport Road to provide a right-turn lane to northbound El Fuerte Street.

PROJECT NEED:

The widening will accommodate a dedicated right-turn lane which will enable this leg of the intersection to operate at an acceptable level of service in the buildout condition.

FINANCING:

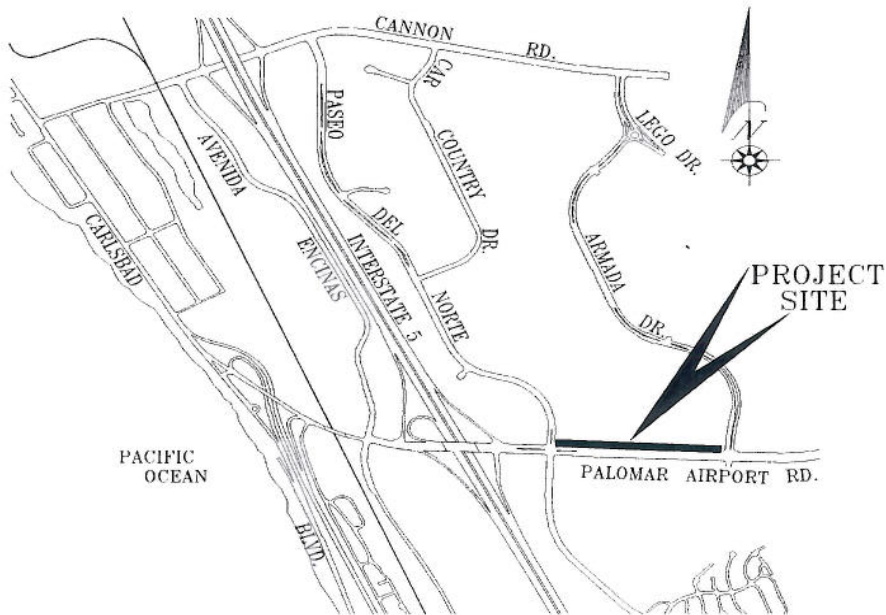
<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$916,000	TIF
Total Cost =	\$916,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - PALOMAR AIRPORT ROAD WIDENING AT PASEO DEL NORTE PROJECT NAME

3811
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

On the north side of Palomar Airport Road at the intersection with Paseo Del Norte.

PROJECT DESCRIPTION:

Widen the easterly approach of Palomar Airport Road (PAR) at the intersection of Paseo Del Norte (PDN) to accommodate an additional through lane. The added lane would be designed to align with the existing "right-turn only" lane onto northbound Interstate 5. The existing westbound to northbound right-turn lane from PAR to PDN would be relocated slightly north of its current location to eliminate the partial offset with the existing "right-turn only" lane on the west side of the intersection.

PROJECT NEED:

Required to meet the Growth Management Circulation Standard. The current intersection is operating at an unacceptable level of service due to a backup of traffic attempting to go northbound along Interstate 5. This project will allow for smoother transition of the westbound to northbound traffic into the two right-turn lanes to northbound I-5 from traffic proceeding westbound along PAR through the PDN intersection.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Admin/Inspection	\$60,000	TIF
Construction	\$1,184,000	TIF
Total Cost =	\$1,244,000	

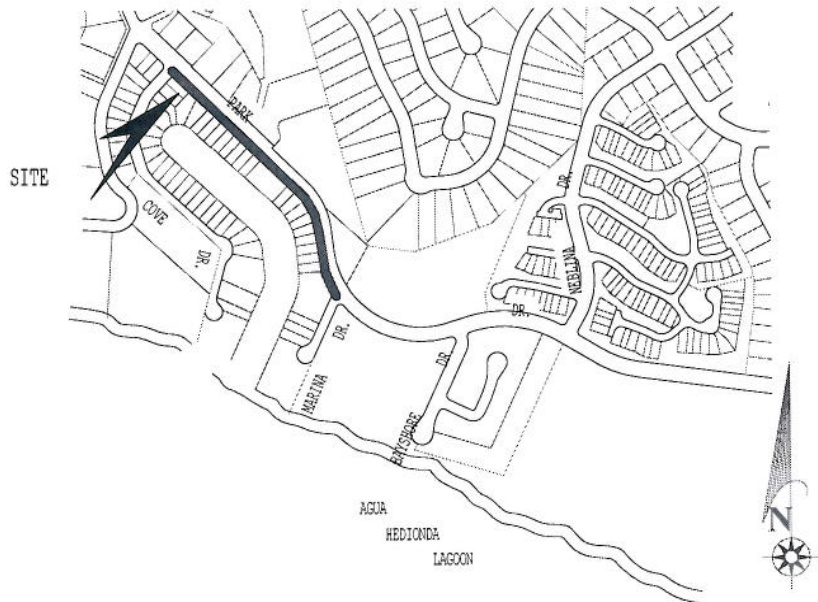
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – PARK DRIVE, MARINA DRIVE TO COVE DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Westerly side of Park Drive between Marina Drive and Cove Drive.

PROJECT DESCRIPTION:

Reconstruct the westerly curb, gutter, and sidewalk along Park Drive between marina Drive and Cove Drive.

PROJECT NEED:

The project will improve the condition of this segment of roadway so it is consistent with the goal of providing a safe and efficient transportation system.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$25,000	GCC
Construction	\$381,300	GCC
Admin/Inspection	\$10,000	GCC
Total Cost =	\$416,300	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - PAVEMENT MANAGEMENT PROGRAM

PROJECT NAME

6001
PROJECT NO.

PROJECT LOCATION MAP:

THROUGHOUT THE CITY

PROJECT LOCATION:

Throughout the City.

PROJECT DESCRIPTION:

The Pavement Management Program is an ongoing annual program designed to extend the service life of city streets and to maintain a smooth and safe driving surface for vehicles. The City utilizes a pavement management database program to determine pavement management needs for the purpose of establishing which streets are to be slurry sealed, overlaid, or reconstructed. On a periodic basis the condition of the roads are field surveyed and the pavement management database is updated to reflect current conditions. Each year, specific pavement management projects are defined and funding is transferred into a pavement management project account.

PROJECT NEED:

City streets require annual maintenance to maintain a safe and smooth driving surface and to extend the useful service life of the streets.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Pavement Management	\$63,743,156	TransNet/Local* (Prop 1B)
Pavement Management	\$7,994,088	Gas Tax
Pavement Management	\$3,167,193	Other
Pavement Management	\$12,837,802	TransNet/Local* (Non-Juris)

Total Cost = \$87,742,239

* Includes \$49,993 balance forward from Project No. 38551.

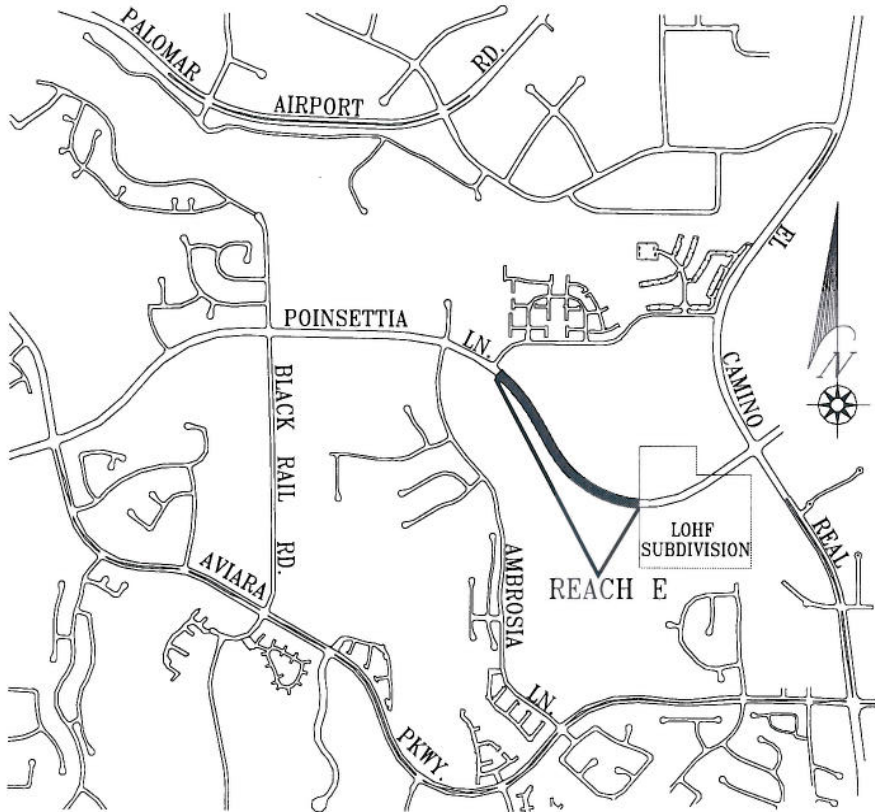
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - POINSETTIA LANE REACH "E" (CASSIA ROAD TO SKIMMER COURT)

PROJECT NAME

3922
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the future extension of Poinsettia Lane from its existing terminus at Cassia Road east to Skimmer Court.

PROJECT DESCRIPTION:

Partial funding for construction of Reach "E" of Poinsettia Lane including full width grading to major arterial standards, adequate drainage improvements necessary to protect the roadbed, and two 18-foot paved traffic lanes separated by a raised unimproved median. Also included within the project are all land acquisition and environmental mitigation costs. The project is part of the improvements funded by Bridge and Thoroughfare District No. 2 (B&TD#2).

PROJECT NEED:

Required pursuant to the City's Circulation Elements and Growth Management Program.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction Land Acquisition	\$13,090,000	B&TD#2
Total Cost =	\$13,090,000	

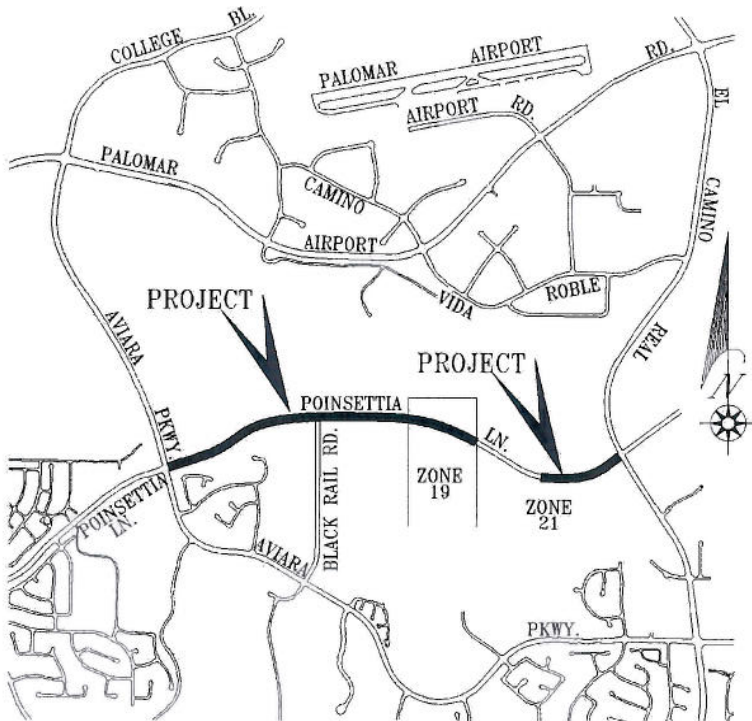
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - BRIDGE AND THOROUGHFARE DISTRICT NO. 2 POINSETTIA LANE REACHES A, B, C, F, G & AVIARA PARKWAY REIMBURSEMENT

NONE
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along Poinsettia Lane from the eastern Zone 19 boundary to El Camino Real.

PROJECT DESCRIPTION:

Reimbursement for construction of Reach A, B, C, F, & G of Poinsettia Lane and a portion of Aviara Parkway including full-width grading to major arterial standards, adequate drainage improvements necessary to protect the roadbed, and two 18-foot paved traffic lanes separated by a raised unimproved median. The project is part of the improvements funded by Bridge and Thoroughfare District No. 2 (B&TD#2).

PROJECT NEED:

Required to meet Growth Management Standards for future development within Local Facility Management Zone.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$1,320,729	B&TD #2
Total Cost =	\$1,320,729	

CAPITAL PROJECT DESCRIPTION

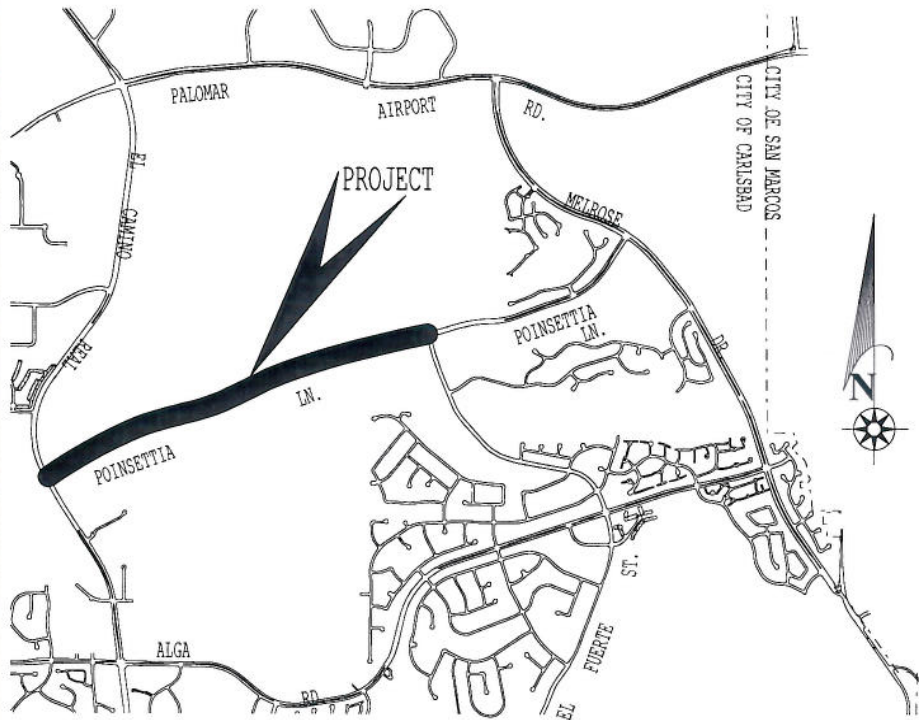
CIRCULATION SYSTEM STREET PROJECTS - POINSETTIA LANE EAST OF EL CAMINO REAL

3689
PROJECT NO.

FINANCING PROGRAM

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the future alignment of Poinsettia Lane from El Camino Real east to El Fuerte Street.

PROJECT DESCRIPTION:

Formation of a financing district/program to guarantee the construction of Poinsettia Lane to full major arterial standards west of El Camino Real. The project, in conjunction with the Poinsettia Lane improvements proposed west of El Camino Real, will complete another east/west arterial linkage from Melrose Drive to Interstate 5.

PROJECT NEED:

Required pursuant to the City Circulation Element and Growth Management Program.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Construction	\$28,932,793	Other
Total Cost =	\$28,932,793	

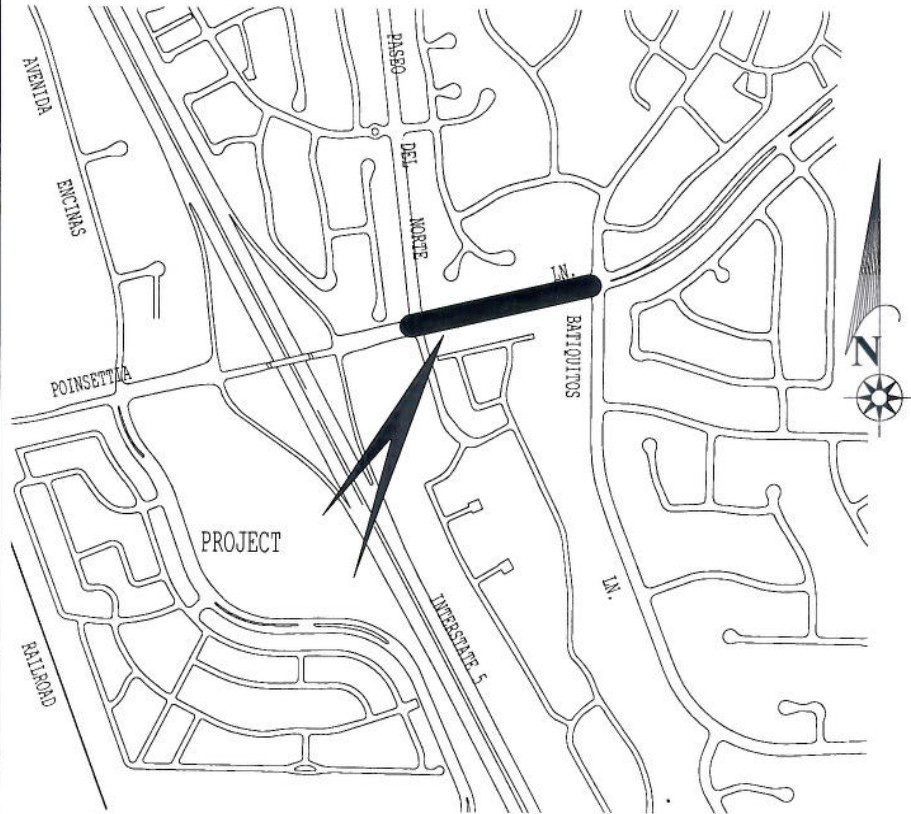
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - POINSETTIA LANE WIDENING (PASEO DEL NORTE TO BATIQUITOS LANE)

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

From Paseo Del Norte to Batiquitos Lane.

PROJECT DESCRIPTION:

Widen Poinsettia Lane from Paseo Del Norte to Batiquitos Lane to six lanes by adding one lane in each direction. Construct curb and gutter, base, asphalt pavement and sidewalk. Right-of-way is required.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$2,287,000	TIF (RTCIP)
Total Cost =	\$2,287,000	

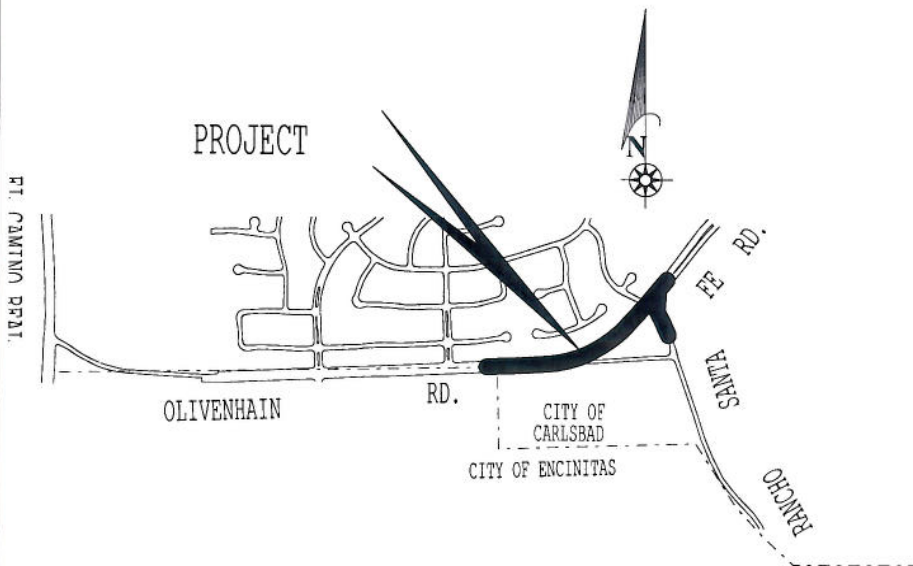
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREETS PROJECTS - RANCHO SANTA FE ROAD AND OLIVENHAIN ROAD IMPROVEMENTS

PROJECT NAME

3860
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Intersection of Rancho Santa Fe Road and Olivenhain Road.

PROJECT DESCRIPTION:

Complete full intersection improvements to the Rancho Santa Fe Road and Olivenhain Road intersection to General Plan standards. Extend street improvements on Rancho Santa Fe Road between the Olivenhain Municipal Water District access to a distance approximately 200 feet east of the intersection with Olivenhain Road. Extend street improvements on Olivenhain Road from the intersection with Olivenhain Road west to meet existing full-width improvements within the City of Encinitas. The project would involve right-of-way acquisition, grading, storm drains, removal of existing improvements and installation of surface improvements, street lights, and coordination with agencies for utility realignment.

PROJECT NEED:

These improvements are required in order to keep intersection capacity at or below the thresholds dictated by the Growth Management Standards and per the General Plan for build-out. Full intersection improvements will improve vehicular circulation and increase safety to serve the public and nearby developments to the south that will impact the intersection once full occupancy is reached. The City of Encinitas and Olivenhain Municipal Water District are in support of the project and will deposit funds with the City of Carlsbad for their share of the improvements.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$5,985,905	RSF Road
Total Cost =	\$5,985,905	

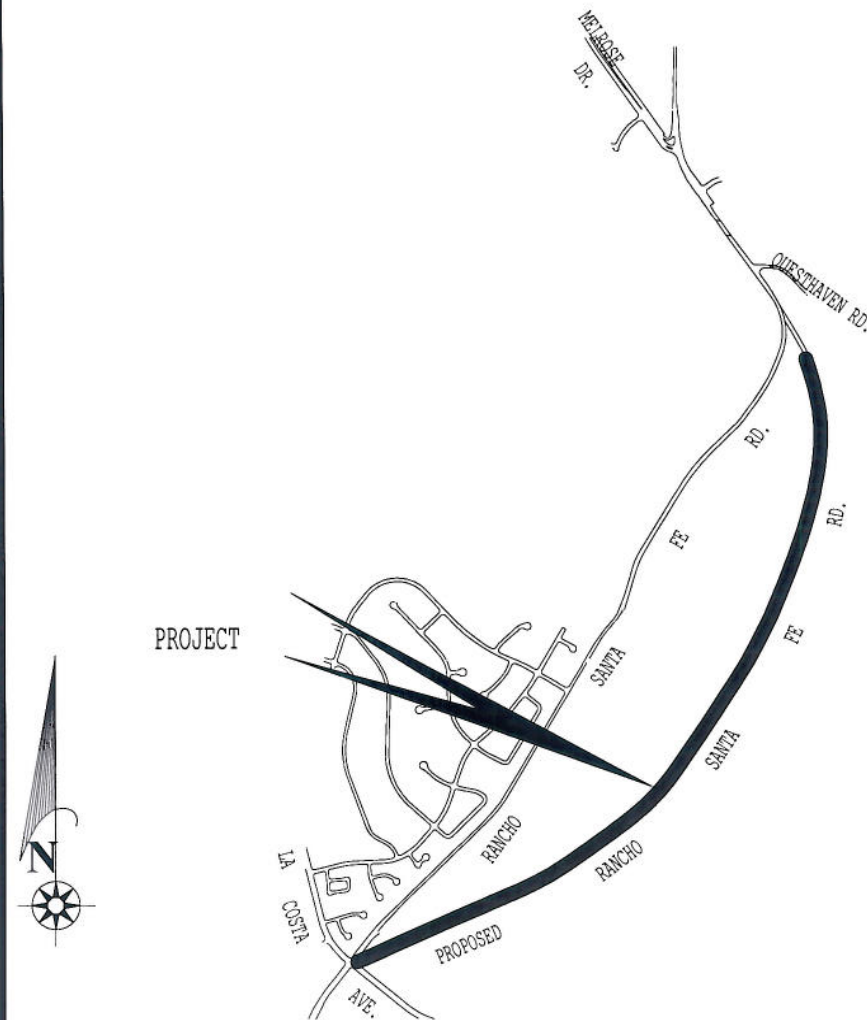
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - RANCHO SANTA FE ROAD NORTH PHASE I

PROJECT NAME

3923 & 3190
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along the future alignment of Rancho Santa Fe Road from La Costa Avenue to approximately 1,800 feet south of Questhaven Road.

PROJECT DESCRIPTION:

Construction of 4 lanes of Rancho Santa Fe Road to prime arterial standards including full width grading. Project involves the realignment of Rancho Santa Fe Road easterly of its present alignment to a location approximately in the area of the current truck bypass route.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$26,406,243	CFD #2
Total Cost =	\$26,406,243	

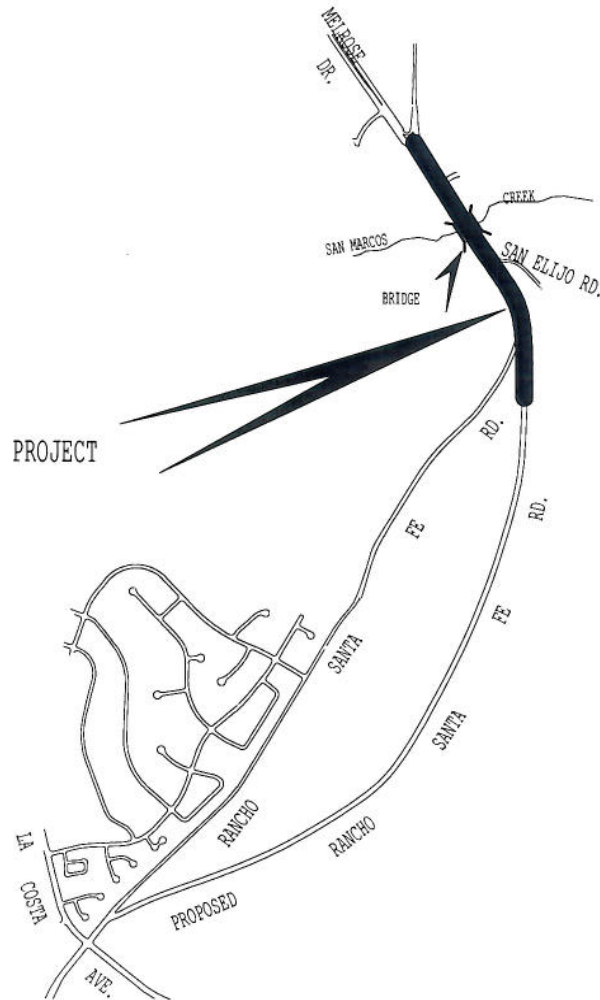
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - RANCHO SANTA FE ROAD NORTH PHASE II

PROJECT NAME

3923 & 3907
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along Rancho Santa Fe Road from approximately 1,800 feet south of San Elijo Road to Melrose Drive.

PROJECT DESCRIPTION:

Realignment and widening of Rancho Santa Fe Road and construction of new bridge structures over the San Marcos Creek.

PROJECT NEED:

Required to meet Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Environmental	\$3,100,000	CFD #2
Bridge	\$14,768,000	CFD #2
Pipeline Replacement	\$773,000	Water Replacement
Total Cost =	\$18,641,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - SIDEWALK/STREET CONSTRUCTION PROGRAM

6002
PROJECT NO.

PROJECT NAME

PROJECT LOCATION MAP:

N/A

PROJECT LOCATION:

Various streets throughout the City.

PROJECT DESCRIPTION:

The Sidewalk/Street Construction Program is an annual program designed to complete missing links of sidewalk throughout the City. In most cases, construction of the sidewalk improvements involve construction of adjacent street improvements to bring them into conformance with City Standards. Each year, several sidewalk/street projects are selected from the City's missing sidewalk priority list for inclusion into that year's sidewalk/street construction project.

PROJECT NEED:

Required to meet the pedestrian circulation policies of the Circulation Element of the General Plan.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$3,295,672	TIF
Total Cost =	\$3,295,672	

CAPITAL PROJECT DESCRIPTION

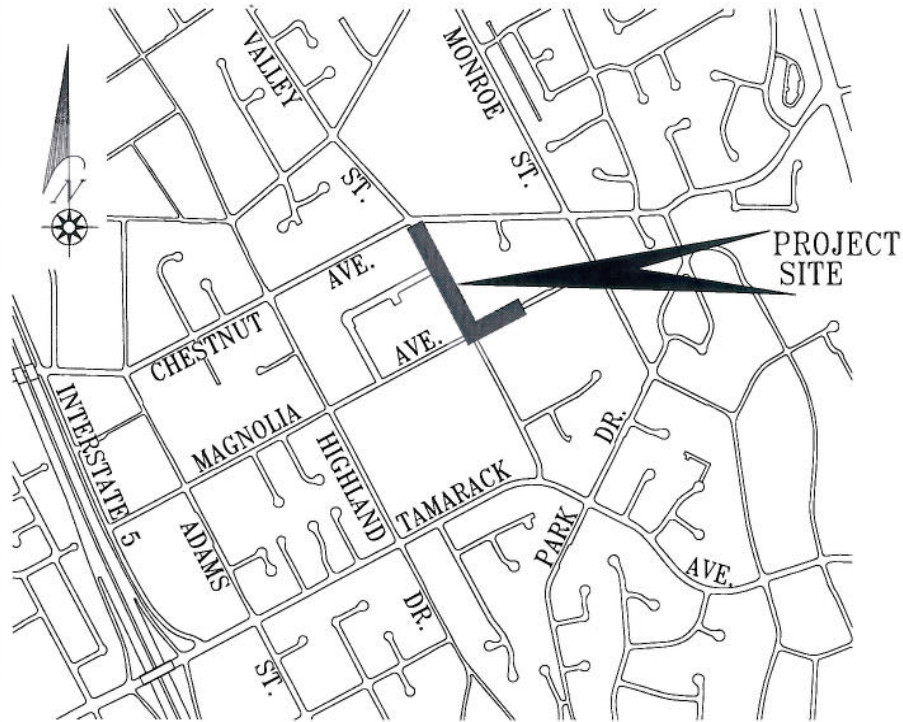
6019

PROJECT NO.

CIRCULATION SYSTEM STREET PROJECTS – VALLEY STREET AND MAGNOLIA AVENUE SIDEWALKS

PROJECT NAME

PROJECT LOCATION MAP:



PROJECT LOCATION:

Valley Street from Magnolia Avenue to Chestnut Street, and Magnolia Avenue from Valley Street northeast 470 feet.

PROJECT DESCRIPTION:

Construction of street widening and sidewalk improvements along portions of Valley Street and Magnolia Avenue in the vicinity of Carlsbad High School, Valley Middle School, and Magnolia Elementary School.

PROJECT NEED:

The street widening and sidewalks will construct missing pedestrian routes for students attending Carlsbad High School, Valley Middle School, and Magnolia Elementary School.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$65,000	TIF
Property Acquisition	\$80,000	TIF
Construction	\$390,000	TIF
Admin/Inspection	\$95,000	TIF
Total Cost =	\$630,000	

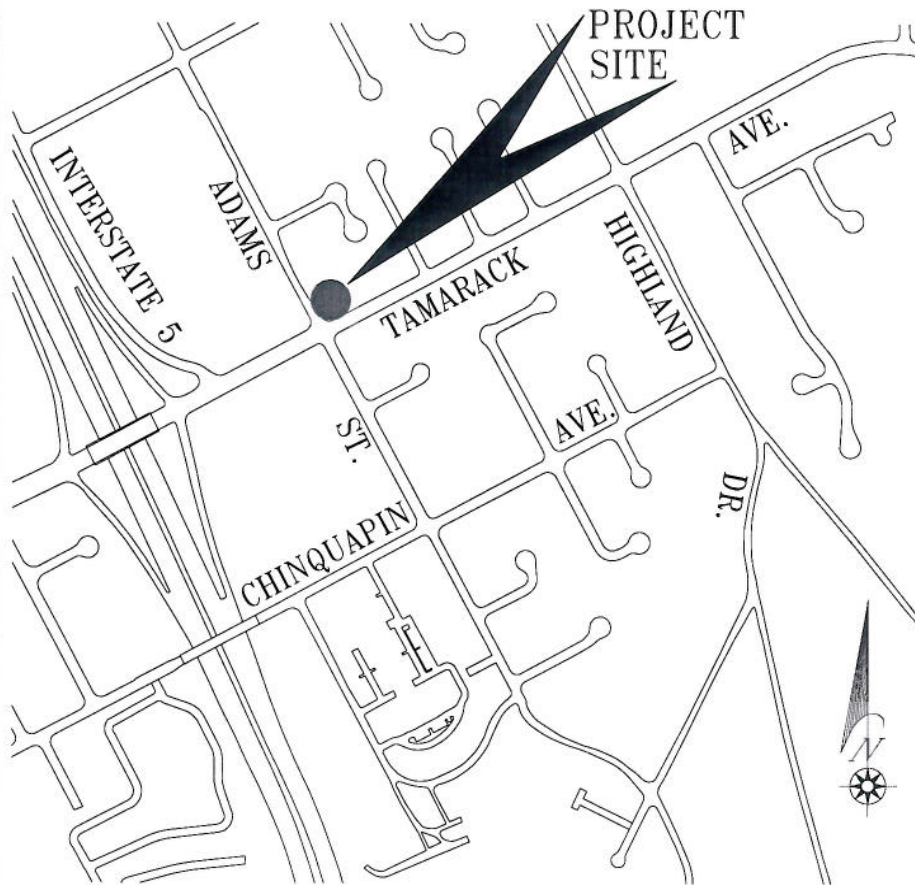
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – TAMARACK AVENUE AND ADAMS STREET INTERSECTION IMPROVEMENT

PROJECT NAME

6018
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Northeast corner of Tamarack Avenue and Adams Street.

PROJECT DESCRIPTION:

Extend the existing sidewalk northerly on Adams Street, replace the existing pedestrian access ramp, relocate the existing signal pole, and install new crosswalk striping.

PROJECT NEED:

The project is needed to meet requirements of the Americans with Disabilities Act and provide a safe crossing for wheelchair-bound pedestrians.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design	\$10,000	GCC
Construction	\$33,000	GCC
Admin/Inspection	\$5,500	GCC
Total Cost =	\$48,500	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – TRAFFIC CALMING DONNA DRIVE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along Donna Drive.

PROJECT DESCRIPTION:

City staff, working with a neighborhood committee, will develop a traffic calming conceptual plan for Donna Drive. The conceptual plan will evaluate various traffic calming methods and possible construction projects. The purpose is to help reduce vehicle speeds as outline in the Carlsbad Residential Traffic Management Program (CRTMP).

PROJECT NEED:

Residents have completed Phases I and II of the CRTMP. Donna Drive has a 2007 priority ranking of #1 with a total of 44 points. The installation of traffic calming measures will help to reduce vehicle speeds on Donna Drive.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Study	\$45,000	Gas Tax
Design	\$68,000	Gas Tax
Total Cost =	\$113,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS – TRAFFIC CALMING SIERRA MORENA AVENUE

PROJECT NAME

NONE
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Along Sierra Morena Avenue.

PROJECT DESCRIPTION:

City staff, working with a neighborhood committee, will develop a traffic calming conceptual plan for Sierra Morena Avenue. The conceptual plan will evaluate various traffic calming methods and possible construction projects. The purpose is to help reduce vehicle speeds as outline in the Carlsbad Residential Traffic Management Program (CRTMP).

PROJECT NEED:

Residents have completed Phases I and II of the CRTMP. Sierra Morena has a 2007 priority ranking of #2 with a total of 9 points. The installation of traffic calming measures will help to reduce vehicle speeds on Sierra Morena Avenue.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Study	\$35,000	Gas Tax
Design	\$55,000	Gas Tax
Total Cost =	\$90,000	

CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - TRAFFIC MONITORING PROGRAM

PROJECT NAME

6003

PROJECT NO.

PROJECT LOCATION MAP:

N/A

PROJECT LOCATION:

Citywide.

PROJECT DESCRIPTION:

Perform traffic vehicle counts, analyze and report annually on adequacy of circulation system and identify any intersections or links that fail to meet Growth Management Standards.

PROJECT NEED:

To ensure that the circulation system meets Growth Management Standards.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Field Counts/Reports	\$1,718,900	TIF
Total Cost =	\$1,718,900	

Annual Expenditures are approximately \$96,000.

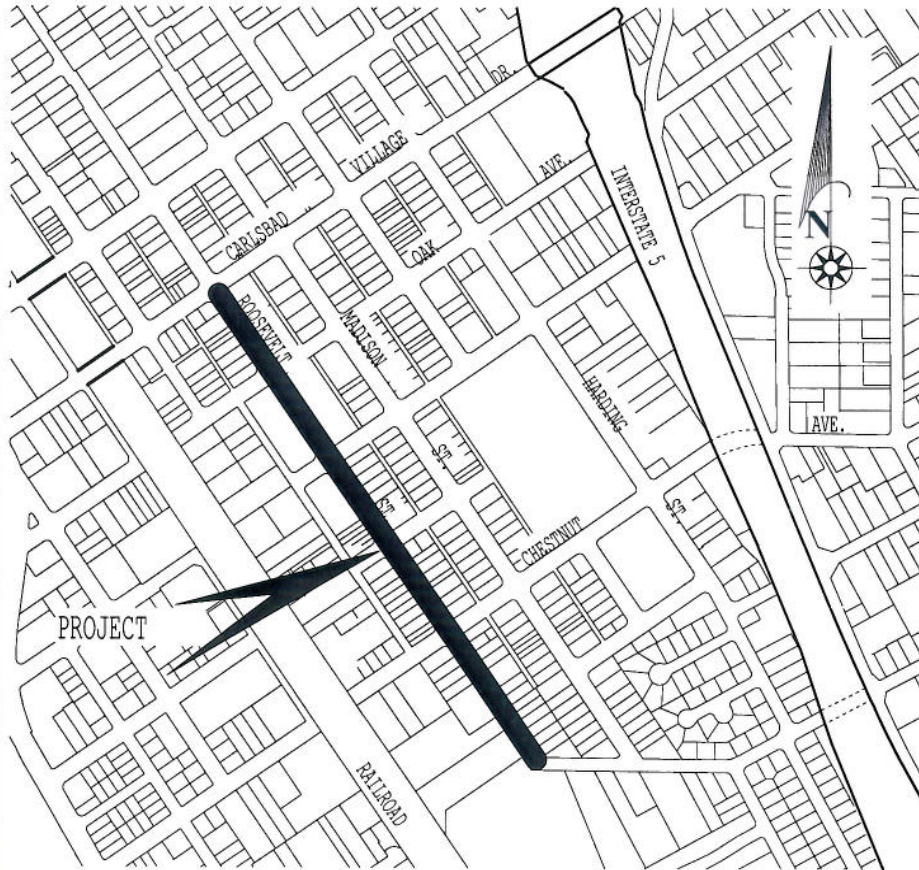
CAPITAL PROJECT DESCRIPTION

CIRCULATION SYSTEM STREET PROJECTS - UNDERGROUND UTILITY NO. 17 (ROOSEVELT STREET)

PROJECT NAME

38951
PROJECT NO.

PROJECT LOCATION MAP:



PROJECT LOCATION:

Roosevelt Street from Carlsbad Village Drive to Magnolia Avenue.

PROJECT DESCRIPTION:

Place all overhead utilities underground, including electric, telephone, and cable television lines. Work includes trenching, placing conduit and cable, restoring surface, and removal of existing poles and all overhead lines.

PROJECT NEED:

This project is identified on the City Council's adopted Underground Priority List.

FINANCING:

<u>Purpose</u>	<u>Estimated Cost</u>	<u>Funding Source</u>
Design/Construction	\$850,000	20A Funds (SDG&E)
Street Lights	\$509,800	GCC
Total Cost =	\$1,359,800	

20A Funds will be paid to project by SDG&E.